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Risk Analyses of Crop Heat Units Available for Corn and other Warm-Season Crops in Ontario

Canada

Risk Analyses of Crop Heat Units Available for Corn and other Warm-Season Crops in Ontario

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FOREWORD

The application of accurate and timely weather/climate information has become an important factor in today's complex farm management decision-making processes. This has become particularly true for producers of corn and soybeans in Ontario. Exceptionally cool growing season weather in 1992 resulted in extremely high field losses for many producers. This has once again pointed to the need for information on heat units available for these crops in all areas of Ontario where they are produced. This publication is intended to satisfy this need by presenting information on the variability of available Crop Heat Units over time and space in Ontario.

SUMMARY

Climatic data from the latest 30-year normal period (1961-1990) for 50 climatic stations in Ontario were used to determine Crop Heat Units (CHU) available for silage and grain corn production and for other heat-loving crops such as tomatoes, soybeans, edible beans and tobacco. Dates for starting and ending heat unit accumulations were estimated for each year at each location. Weekly accumulations after May 30 are presented for each year. Yearly data were subjected to probability analysis to determine availability of CHU at various risk levels. The probability that selected threshold levels of CHU are reached at each location was also computed. Results are presented in tabular form.

Average CHU for grain corn production were plotted on a map of Ontario and isolines were drawn with the help of heat unit data from previous normal periods and from topographic/physiographic features. Averages ranged from a high of 3400-3500 CHU's in Essex County to less than 2100 CHU in the Algonquin Park Highlands and to around 1700 in the big clay belt of Northern Ontario. Average CHU for silage corn and soybeans were related to heat units for grain corn by linear regression analyses and a straight line graph. On average, there are 200-300 fewer CHU available for soybeans and silage corn than for grain corn production at a given location.

Relationships between average CHU and the probability of deviations above and below the average were determined and graphed. This allowed extreme values to be estimated for any location in Ontario using the average CHU map. For example, there is about a 20% probability (1 yr in 5) that Crop Heat Units will be 140 units above average values. Similarly, the probability of getting 215 units below the average is about 10% (1 yr in 10). Heat unit deviations for a range of probability levels ranging from 5 to 95% can be readily estimated in this way.

RÉSUMÉ

Les données climatiques accumulées au cours de la dernière période normale de 30 ans (1961-1990) dans 50 stations climatiques de l'Ontario ont été utilisées pour déterminer les unités thermiques de croissance (UTC) disponibles pour la production de maïs à ensilage, de maïs-grain et d'autres plantes thermophiles telles que la tomate, le soja, les fèves comestibles et le tabac. Les dates où l'on devait commencer et terminer les accumulations d'unités thermiques ont été estimées pour chaque année à chaque station. Les accumulations hebdomadaires après le 30 mai sont présentées pour chaque année. Les données annuelles ont été soumises à une analyse de probabilités pour déterminer le nombre d'UTC disponibles à différents niveaux de risque. On a aussi calculé la probabilité que certains seuils d'unités thermiques de croissance soient atteints à chaque endroit. Les résultats sont présentés sous forme de tableaux.

Les sommes moyennes d'UTC nécessaires à la production de maïs-grain ont été reportés sur une carte de l'Ontario, et des isolignes ont été tracées à l'aide, d'une part, des données sur les unités thermiques des périodes normales antérieures et, d'autre part, des caractéristiques topographiques et géomorphologiques. Les moyennes allaient d'un maximum de 3 400-3 500 UTC dans le comté d'Essex à moins de 2 100 UTC dans les massifs du parc Algonquin et elles tombaient à environ 1 700 dans la grande zone argileuse du nord de la province. Les sommes moyennes d'UTC pour le maïs à ensilage et le soja ont été comparées à celles nécessaires au maïs-grain par des analyses de régression linéaire et un graphique par segments. En moyenne, il y a 200 à 300 UTC de moins qui sont disponibles pour la production de maïs-grain que pour celle de soja et de maïs à ensilage à une station donnée.

La relation entre la somme moyenne d'UTC et la probabilité d'un écart au-dessus ou au-dessous de la moyenne a été établie et illustrée par un graphique. Cet exercice a permis d'estimer les valeurs extrêmes pour n'importe quel endroit en Ontario en utilisant la carte des sommes moyennes d'UTC. Par exemple, il y a une probabilité d'à peu près 20 % (1 année sur cinq) que les UTC dépassent la moyenne de 140 unités. De même, la probabilité qu'elles soient inférieures de 215 unités à la moyenne est de 10 % (1 année sur 10). Les écarts, pour une échelle de probabilités allant de 5 à 95 %, peuvent être facilement estimés de cette façon.

INTRODUCTION

The performance of corn, soybeans, tomatoes and other warm-season crops grown in Ontario is very dependent on the availability of heat units during the growing season. In particular, heat units influence the rate at which crops progress through their development stages from planting to maturity. Heat units are accumulated above threshold temperature values and are usually based on daily maximum and minimum air temperatures. Although other environmental factors such as photoperiod, soil fertility and available soil water also have some influence on the rate of development, it is mainly cool conditions that slow progress to maturity and warm conditions that hasten it.

A Corn Heat Unit system was developed for Ontario to help growers select corn hybrids that are most suited for production in their area (Brown, 1969). This system was first used for corn recommendation in Ontario in 1964, and has gradually been adopted for use in other regions in Canada as well, such as Quebec (Conseil des Semences du Québec, 1965), the Maritimes (Bootsma, et al., 1979; 1992) and the Prairie region (Major, et al., 1976). Its use has also been extended to other crops, such as soybeans, edible beans and sweet corn (Brown, et al., 1973; Ontario Field Crop Research Committee, 1988) as the number of recommended cultivars of these crops increased. Therefore it is now appropriate to use the term Crop Heat Units (CHU) (Brown and Bootsma, 1993). Daily estimates of CHU from maximum and minimum air temperatures use the same formula as the original Corn Heat Unit system, but different criteria can be used for estimating the start and end dates for seasonal accumulations for the various warm-season crops. In the case of corn, criteria have been developed and used in this bulletin to estimate start and end dates on an annual basis. Previous criteria were applicable to calculations using long term (30 year) normals (Brown, 1969).

The CHU available for crops can fluctuate widely from year to year. These fluctuations have important influences on the quality and maturity of cultivars of different species. The disastrous effect of abnormally cool weather conditions during the 1992 growing season on corn and soybean production in Ontario amply demonstrates the importance of heat units for crop production. Over $89 million losses of insured corn were experienced in Ontario alone (B. Boddis, Agriculture and Agri-Food Canada, Farm Financial Programs Branch, Insurance Division, Ottawa, personal commun.).

In this bulletin, information on the variability of CHU in Ontario over time and space is presented. In order to provide information on the risk factor in the production of grain corn and other warm season crops, CHU are described on the basis of probability levels. This supplements information on average CHU already available for all regions in Ontario (Brown and Bootsma, 1993).

The analyses of risk or probability levels for CHU is presented in detail in tabular form for fifty climatic stations in Ontario. Most of these stations had 30 years of climate data available for the 1961-90 period. Methods are also presented to facilitate estimation of CHU on a risk basis for all geographic regions in Ontario from the mapped 50% risk or average CHU values. This information, when combined with CHU requirements to mature specific hybrids or varieties, can help growers assess the likelihood that acceptable crop maturity levels are reached before killing frosts.

DATA AND PROCEDURES

Station Selection and Climatic Data

The fifty climate stations that were selected for this study are listed in Table 1 and shown in Figure 1. Most stations had daily maximum and minimum air temperature records for the full 1961-1990 period. This 30-year period was considered of sufficient length for probability analyses, while not too long to be significantly influenced by long-term climatic change. Several stations were included that had less than 30 years of data over this period (e.g. Arnprior Grandon, 27 yrs; Chatham WPCP, 17 yrs), while for a few others, data for a period beginning prior to 1961 was selected (e.g. Bancroft, 1954-1983; Walkerton, 1942-1971). Station data were available from a computer archive of daily climatological records maintained by Agriculture and Agri-Food Canada, CLBRR in Ottawa. Daily climatological records were originally obtained in machine-readable form from the Atmospheric Environment Service, Downsview, Ontario. Missing data were estimated using data from nearby stations.

Crop Heat Unit Calculations

Heat units were calculated from daily maximum and minimum air temperature using the formula developed for corn and soybeans by Brown (1960; 1969) and based on procedures described by Brown and Bootsma (1993). In each year, CHU were calculated on a daily basis from an estimated starting date in spring to two different ending dates in the fall. Accumulated heat units were calculated from the starting date to the latest fall cut-off dates and tabulated for May 30 and at weekly intervals thereafter. Heat units began to accumulate on the date when both of the following conditions were met: (i) the average mean daily air temperature, based on 30-yr. averages, exceeded 10°C; and (ii) three consecutive days with mean daily temperature >12.8°C had occurred after condition (i) was met. The third day was counted as the starting date.

Two dates were used as cut-off dates in the fall, one for silage corn and soybeans which may also apply for very tender crops such as tobacco, peppers and tomatoes, and the second date for grain corn. For soybeans and silage corn, CHU were terminated on the date on which the minimum air temperature dropped to ≤0°C or when the long-term average mean daily air temperature based on 30-year normals was 15°C, whichever date was earliest (silage corn, soybeans, tobacco and peppers should normally be harvested/mature before or around the date of first autumn freeze of 0°C). The 15°C date corresponds approximately to the time when soybeans are mature (95% of the pods have turned brown) and when forage corn is harvested. For grain corn, the termination date was based on the first occurrence of ≤-2°C or when the average mean daily air temperature was 12°C, whichever date was first. The 12°C date corresponds about to the time grain corn has reached maturity. It is assumed that some of the growth processes in corn i.e. translocation of sugars to the kernel may continue after a light frost (0°C). However, after a hard freeze (≤-2°C) translocation of sugars is assumed to have ceased, although further drydown of the grain still continues during favourable drying days.

Probability Analysis

In addition to yearly statistics computed for each station, as described above, values for start and stop dates and CHU accumulated between these dates were computed for probability

Table 1. Climate stations and period of record used in risk analysis of CHU in Ontario.

Station No. *	Station Name	Period of Record	Yrs.
1	Harrow CDA	1961-'90	30
2	Woodslee CDA	1961-'88	28
3	Chatham Waterworks	1974-'90	17
4	Ridgetown	1961-'90	30
5	Sarnia A	1961-'90	30
6	St Thomas WPCP	1961-'90	30
7	London A	1961-'90	30
8	Woodstock	1961-'90	30
9	Delhi CDA	1961-'90	30
10	St Williams	1961-'89	29
11	Simcoe	1961-'86	26
12	Welland	1961-'90	30
13	St Catharines A	1961-'90	30
14	Vineland Station	1961-'90	30
15	Hamilton RBG	1961-'90	30
16	Guelph OAC	1961-'90	28
17	Elora Research Stn	1969-'85	17
18	Brucefield	1961-'90	30
19	Walkerton	1942-'71	30
20	Mount Forest	1962-'86	25
21	Wiarton A	1961-'90	30
22	Thornbury Slama	1968-'90	23
23	Redickville	1956-'84	29
24	Midhurst	1961-'90	30
25	Toronto	1961-'90	30
26	Pickering Audley	1959-'84	26
27	Peterborough A	1961-'90	30
28	Smithfield CDA	1961-'90	30
29	Trenton A	1961-'90	30
30	Belleville	1961-'90	30
31	Kingston A	1961-'90	30
32	Brockville PCC	1961-'90	30
33	Kemptville	1961-'90	30
34	Morrisburg	1961-'90	30
35	Cornwall	1961-'90	30
36	Dalhousie Mills	1968-'90	23
37	Ottawa CDA	1961-'90	30
38	Ottawa Rockliffe A	1943-'63	21
39	Chats Falls	1961-'90	30
40	Arnprior Grandon	1965-'90	26
41	Chenaux	1961-'90	30
42	Bancroft	1954-'83	30
43	Petawawa Nat Forestry	1961-'90	30
44	Huntsville WPCP	1961-'90	30
45	North Bay A	1961-'90	30
46	Sudbury A	1961-'90	30
47	Sault Ste Marie 2	1961-'90	30
48	Earlton A	1961-'90	30
49	Thunder Bay A	1961-'90	30
50	Fort Frances	1961-'90	30

*Corresponding to number shown on Fig. 1.

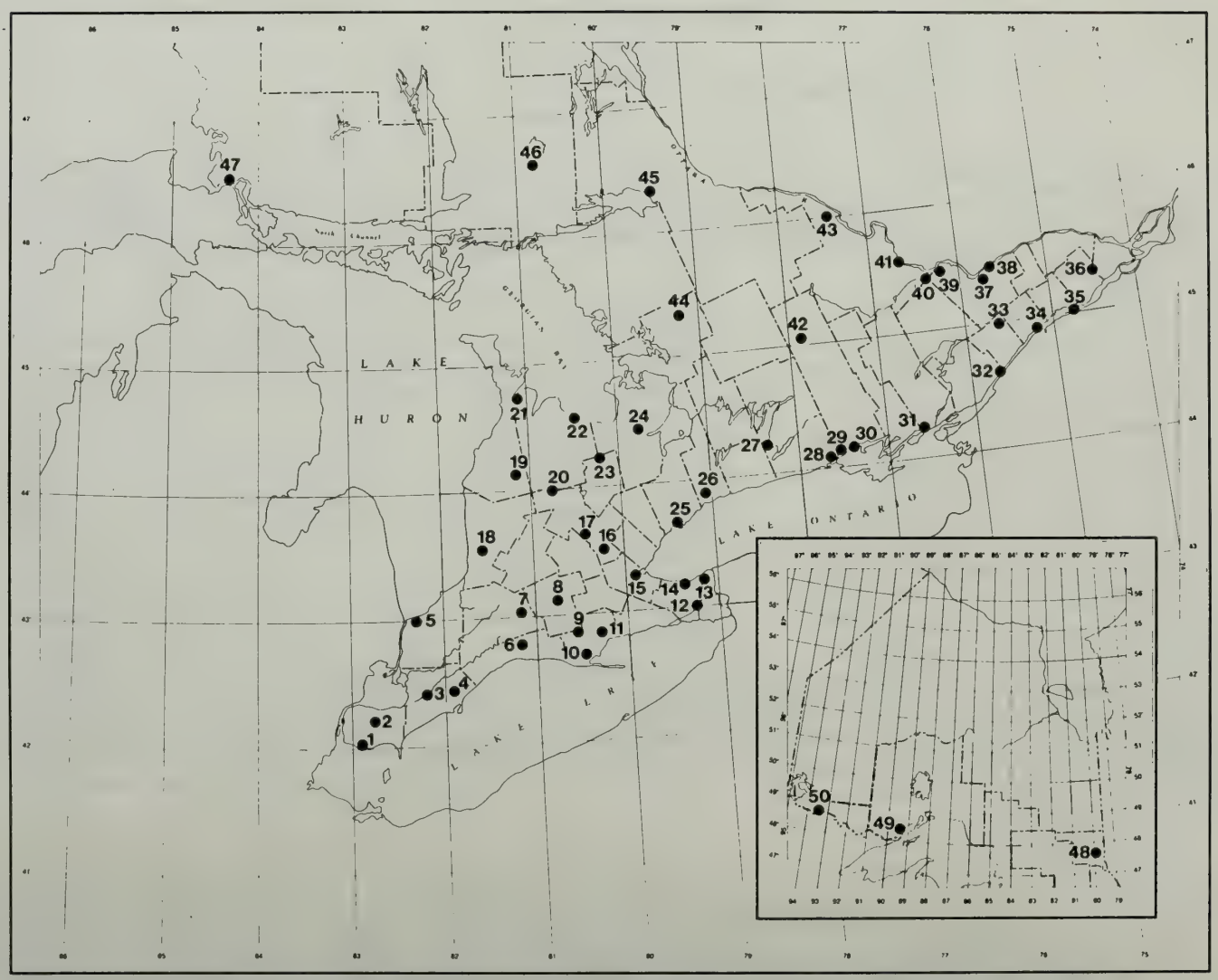

Figure 1. Location of 50 climate stations in Ontario used in CHU study. See Table 1 for list of names.

levels ranging from 5% to 95%. Each of the variables were ranked from lowest to highest, earliest to latest for all years with available data. Probabilities were computed for each ranked value by counting the number of years for which values were not exceeded, i.e.:

$$P_k \text{ th probability} = \left(\frac{k}{N+1}\right) \times 100\%$$

where k is the rank number in ascending order, N is the total number of years with observations. Values for selected probability levels (5, 10, 25, 50, 75, 90 and 95%) were then computed by interpolation.

The relationship between average CHU available and CHU at other probability levels was graphically determined. This relationship allowed CHU to be estimated for any probability level from the average value for all areas of Ontario.

Another way of interpreting the data is to consider the probability that selected threshold levels of CHU are exceeded at a given location. Yearly CHU sums accumulated to the later ending date (applicable for grain corn) were used to calculate the probability that threshold levels ranging from 2200 to 3600 CHU (at an interval of 100 units) were exceeded.

RESULTS AND ANALYSIS

Yearly CHU Statistics

The CHU computed on a weekly basis for all selected stations are presented in Appendix 1 (Kapuskasing was added in addition to stations listed in Table 1). Starting and stopping dates applicable to silage and grain corn are given in each year. Mean values and standard deviations (STD) are shown for all available years of data. The STD gives an indication of how much the values vary from year to year. Assuming that the CHU sums are normally distributed over time (years), we can say that for 30-year stations, approximately 95% of the observations fall within ± 2 STD of the mean. In 5% of the years (1 year in 20) the CHU will be more than 2 STD higher or lower than the mean value. (This means that on average, 1 year in 40 will be 2 or more STD higher than the mean and 1 year in 40 will be 2 or more STD lower than the mean). In 20% of the years, the CHU will be more than ± 1.31 STD away from the average. Seasonal heat unit accumulations are known to be normally distributed. However, short period accumulations (i.e. to May 30 or June dates) may deviate from normal and therefore the above statistics may not apply.

The earliest possible starting dates and latest fall cut-off dates were determined for each station using 30-year normals data as described in the methods section. The applicable threshold mean daily temperatures used are 10°C in spring and 15 and 12°C in the fall, for silage and grain corn, respectively. These dates are listed in Table 2. Earliest starting dates range from April 25 at Harrow in the southwest, to May 16 in northern Ontario. In the fall, latest cut-off dates for grain corn range from October 12 in the southwest locations in close proximity to the Great Lakes, to September 11 in northern Ontario.

Table 2. Dates when average mean daily air temperature first exceeds 10°C in spring and drops below 15°C and 12°C in fall at 50 locations in Ontario.

Sta. No.*	AES Station No.	Ag. Can. No.	Station Name	Dates Temperature Threshold are Reached		
				>10°C in Spring	<15°C in Fall	<12°C in Fall
40	6100345	6270	Amprior Grandon	4 May	11 Sept.	27 Sept.
42	6160465	6282	Bancroft	10 May	4 Sept.	21 Sept.
30	6150689	6217	Belleville	30 Apr.	20 Sept.	4 Oct.
32	6100971	6236	Brockville PCC	4 May	18 Sept.	4 Oct.
18	6121025	6083	Brucefield	4 May	18 Sept.	4 Oct.
3	6131416	6009	Chatham Waterworks	26 Apr.	27 Sept.	12 Oct.
39	6101440	6269	Chats Falls	3 May	14 Sept.	29 Sept.
41	6101494	6276	Chenaux	4 May	14 Sept.	29 Sept.
35	6101874	6251	Cornwall	30 Apr.	17 Sept.	2 Oct.
36	6101958	6255	Dalhousie Mills	7 May	10 Sept.	25 Sept.
9	6131982	6038	Delhi CDA	30 Apr.	21 Sept.	6 Oct.
48	6072225	6423	Earlton A	16 May	25 Aug.	11 Sept.
17	6142285	6105	Elora Research Stn	9 May	11 Sept.	28 Sept.
50	6022475	6381	Fort Frances	11 May	1 Sept.	16 Sept.
16	6143083	6095	Guelph OAC	7 May	16 Sept.	2 Oct.
15	6153300	6065	Hamilton RBG	29 Apr.	25 Sept.	9 Oct.
1	6133360	6003	Harrow CDA	25 Apr.	29 Sept.	12 Oct.
44	6113663	6176	Huntsville WPCP	9 May	9 Sept.	26 Sept.
33	6104025	6246	Kemptville	4 May	12 Sept.	28 Sept.
31	6104146	6224	Kingston A	8 May	18 Sept.	3 Oct.
7	6144475	6029	London A	4 May	18 Sept.	3 Oct.
24	6115099	6190	Midhurst	8 May	13 Sept.	29 Sept.
34	6105460	6248	Morrisburg	3 May	14 Sept.	29 Sept.
20	6145503	6116	Mount Forest	12 May	8 Sept.	26 Sept.

* Corresponds to number shown on Fig. 1.

Table 2. (cont'd)

Sta. No.	AES Station No.	Ag. Can. No.	Station Name	Dates Temperature Thresholds are Reached		
				>10°C in Spring	<15°C in Fall	<12°C in Fall
45	6085700	6300	North Bay A	12 May	31 Aug.	17 Sept.
37	6105976	6261	Ottawa CDA	3 May	14 Sept.	29 Sept.
38	6106100	6260	Ottawa Rockcliffe A	30 Apr.	15 Sept.	29 Sept.
43	6106400	6295	Petawawa Nat Forestry	8 May	5 Sept.	21 Sept.
27	6166418	6205	Peterborough A	5 May	10 Sept.	26 Sept.
26	6156515	6146	Pickering Audley	7 May	15 Sept.	30 Sept.
23	6146939	6161	Redickville	12 May	6 Sept.	23 Sept.
4	6137147	6013	Ridgetown	27 Apr.	27 Sept.	11 Oct.
5	6127514	6023	Sarnia A	30 Apr.	24 Sept.	9 Oct.
47	6057590	6321	Sault Ste Marie 2	14 May	4 Sept.	22 Sept.
11	6137735	6042	Simcoe	3 May	18 Sept.	2 Oct.
28	6157831	6210	Smithfield CDA	6 May	16 Sept.	1 Oct.
13	6137287	6052	St Catharines A	29 Apr.	26 Sept.	10 Oct.
6	6137361	6016	St Thomas WPCP	2 May	21 Sept.	6 Oct.
10	6137399	6034	St Williams	30 Apr.	22 Sept.	6 Oct.
46	6068150	6309	Sudbury A	13 May	1 Sept.	17 Sept.
22	611HBEC	6164	Thornbury Slama	9 May	18 Sept.	4 Oct.
49	6048261	6354	Thunder Bay A	21 May	27 Aug.	11 Sept.
25	6158350	6139	Toronto	26 Apr.	27 Sept.	11 Oct.
29	6158875	6211	Trenton A	3 May	17 Sept.	2 Oct.
14	6139145	6057	Vineland Station	3 May	27 Sept.	11 Oct.
19	6129235	6118	Walkerton	8 May	15 Sept.	3 Oct.
12	6139445	6049	Welland	28 Apr.	25 Sept.	10 Oct.
21	6119500	6168	Wiarton A	13 May	11 Sept.	29 Sept.
2	6139600	6006	Woodslee CDA	25 Apr.	27 Sept.	11 Oct.
8	6149625	6074	Woodstock	4 May	18 Sept.	3 Oct.

Geographic Distribution of CHU in Ontario

The mean CHU accumulated to the cut-off date for grain corn as given in Appendix 1 for each of the 50 stations were plotted on a map of Ontario. Isolines were drawn at suitable intervals (Fig. 2) with the help of the previous CHU map based on the 1931-60 normal period (Brown, 1969) and topographic/physiographic features. In this way, data for additional climate stations used for the previous map were taken into consideration as well as the 50 stations used here. Mean values for stations with relatively few years of record (e.g. Chatham Waterworks, 17 yrs) were adjusted to conform more closely to the 30-yr period by comparison of comparable years with nearby stations.

CHU for grain corn (Fig. 2) range from an average high of 3400-3500 in Essex county to less than 2100 in the Algonquin Park Highlands. Northern Ontario is generally unsuitable for grain corn production, with CHU averaging mostly from 1500-2100 heat units. Earliest hybrids available for corn production require about 2300 CHU. If we assume that at least 80% of the years should reach this level for successful grain corn production, then grain corn is only suited to areas having more than a mean of 2440 CHU (based on Fig. 4, pg. 10). Average CHU available for silage corn and soybeans are directly related to CHU for grain (Fig. 3). In general, about 300 units need to be subtracted for areas with less than 2000 CHU, 250 for 2000-2700 CHU areas, and 200 for areas with more than 2700 CHU. More precise adjustments can be made using the regression line and/or equation shown in Fig. 3.

Probability Analysis of CHU

The yearly statistics shown in Appendix 1 were processed to generate dates and accumulated heat units for both silage and grain corn at different probability levels. These are summarized for selected stations used in this study in Appendix 2. The starting dates and ending dates are equal or earlier than values shown at given probability levels. For example at London there is a 90% probability (9 yrs in 10) that starting dates are on or before May 23 (seeding is estimated to be later than this date 1 yr in 10). Season ending dates for grain corn occur after Sept. 24 in 95% of the years and are always on or before Oct. 3 because this is the date of occurrence of an average temperature of 12°C in that area. On average, there are 2900 heat units available for grain corn at London Airport. However, 5% of the time (1 yr in 20), CHU will be less than 2609; also, 5% of the time CHU will exceed 3219 (95% probability level). The 50% probability level indicates values not exceeded in half of the years and exceeded in the other half. The user can select the most appropriate risk level from Appendix 2 for management decisions. It is suggested that decisions should normally be based on risk levels in the 5 to 25% probability range.

Appendix 2 provides information on available CHU over a range of probabilities for specific locations selected for this study. In order to derive risk data for other locations on the map in Figure 2, average deviations of risk levels ranging from 5-95% probability for 46 selected stations (several stations with less than 30 years of data were excluded) were plotted on a probability scale (Fig. 4). The values in this figure can be used to estimate CHU at any selected probability level from the average value in Figure 2 for areas rated at 2100 CHU or more. The adjustments are not reliable for most areas of northern Ontario with less than 2100 CHU. For example, at 20% probability (1 yr in 5) CHU for grain corn will be 140 units or more below the average value on the map. There is a 10% probability (1 yr in 10) that the CHU will be 210 units

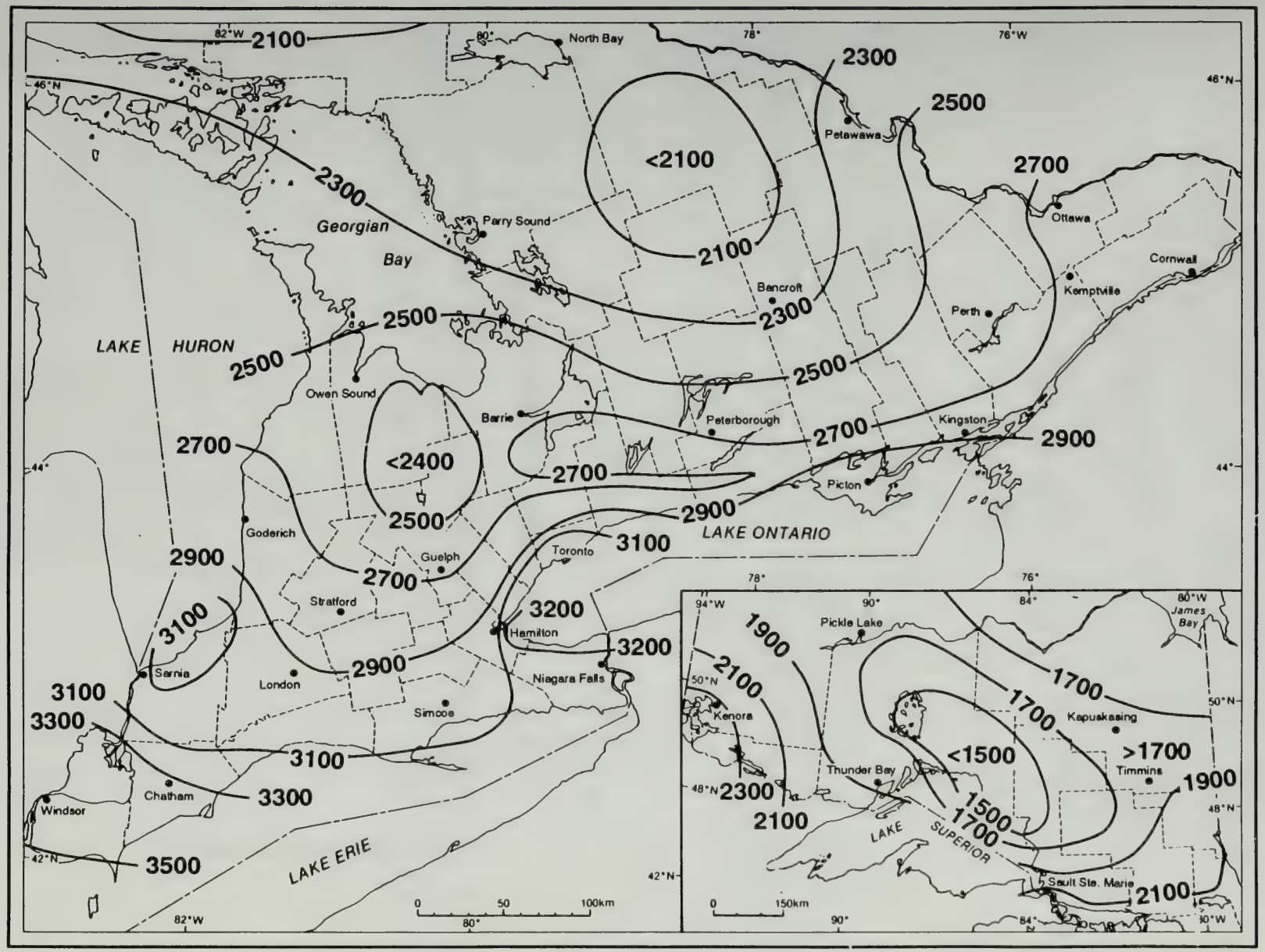

Figure 2. Average accumulated Crop Heat Units (CHU) available for warm-season crops in Ontario.

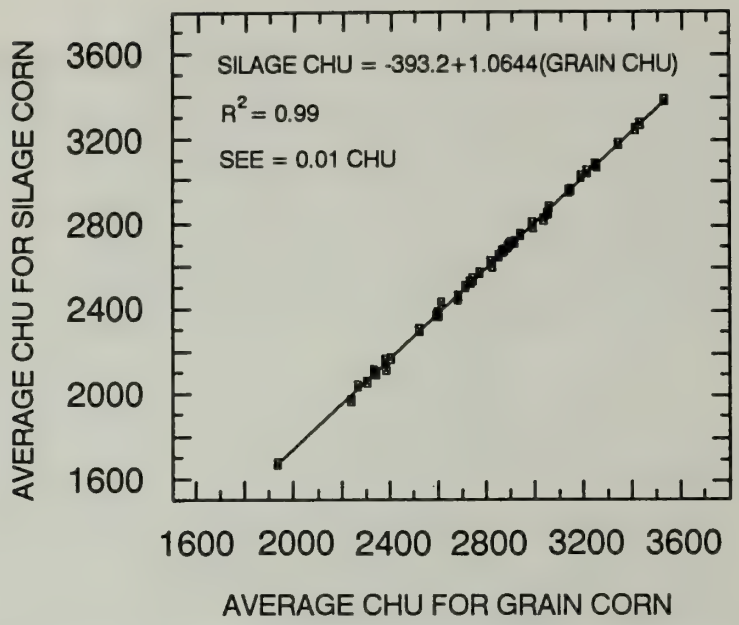

Figure 3. Average CHU available for grain corn compared to the average for silage corn for 50 stations in Ontario.

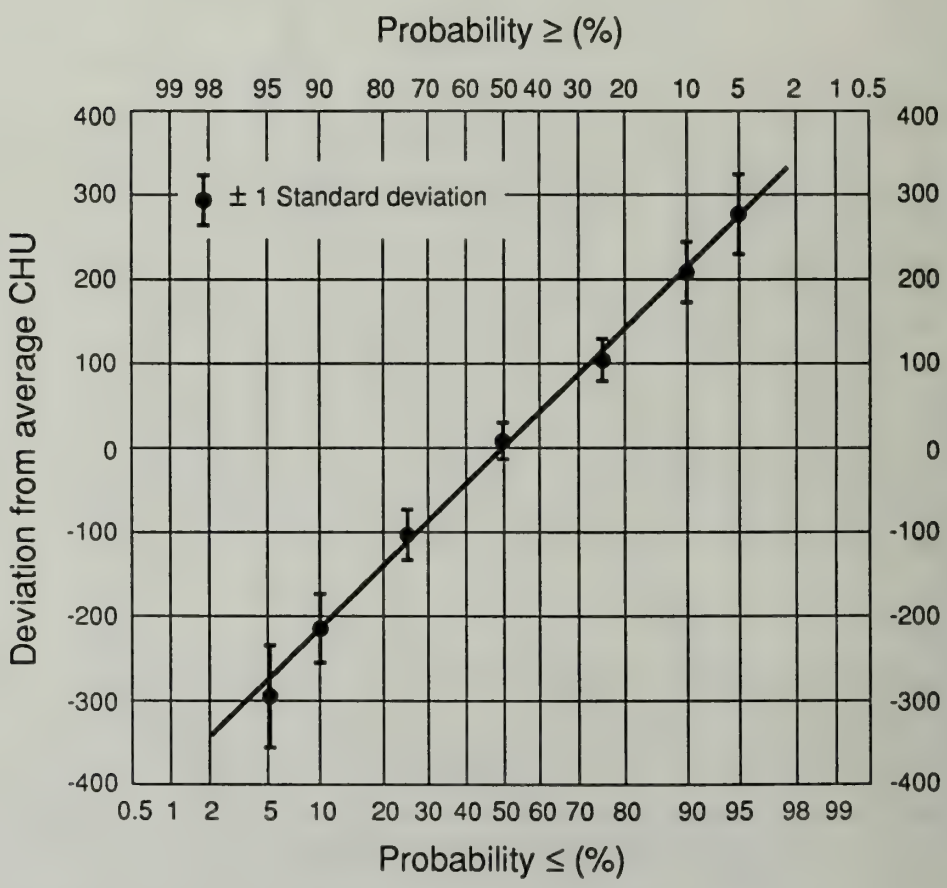

Figure 4. Probability of CHU deviating above and below the average values for silage and grain corn in Ontario.

or more above the average. Estimates can also be made for CHU available for silage, but the regression equation shown in Fig. 3 must first be used to calculate average CHU available for silage from the grain value. Values for specific locations used in this study can best be determined directly from Appendix 2.

Finally, Appendix 3 presents probabilities that CHU for grain corn exceed given threshold values from 2200 to 3600 CHU. For example, at Arnprior, there is a 25% probability (1 yr in 4) that 2800 CHU will be exceeded. At Bancroft, CHU never exceed 2600. This Appendix should be useful in determining the risk that hybrids or cultivars rated at specified CHU will or will not reach acceptable levels of maturity before killing frost.

CONCLUSIONS

Climatic data from the 1961-1990 period for 50 locations have been used to determine Crop Heat Units available for warm-season crops on an annual basis in Ontario. These data have been analyzed to determine CHU at probability levels ranging from 5 to 95% and also the probability that selected threshold levels are exceeded. Techniques have been provided to extrapolate from station data to all geographic regions of southern Ontario over the range of probabilities. These results should be useful to help producers evaluate the level of risk involved in producing hybrids and varieties with known CHU ratings for their area.

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Appendix 1. Estimated starting and stopping dates and accumulated Crop Heat Units at weekly intervals for selected stations in Ontario.

STATION: ARNPRIOR GRANDON AES #:6100345 AGCAN #: 6270

	* CONTROL DATES *			ACCUMULATED CHU TO SELECTED DATES:																						
	START	SILAGE	GRAIN	MAY	JUNE				JULY				AUG					SEPT				OCT				
YEAR	MM/DD	MM/DD	MM/DD	30	06	13	20	27	04	11	18	25	01	08	15	22	29	05	12	19	26	03	10	17	SILAGE	GRAIN
1965	5/ 9	9/11	9/27	353	455	593	717	868	1032	1180	1346	1494	1633	1800	1971	2127	2249	2354	2478	2585	2734	2734	2734	2734	2467	2734
1966	5/21	9/11	9/27	170	291	408	550	729	912	1082	1256	1416	1575	1746	1898	2055	2200	2342	2459	2565	2611	2619	2619	2619	2445	2619
1967	6/ 3	9/11	9/27	0	91	249	404	561	721	888	1042	1229	1406	1577	1732	1892	2041	2156	2276	2406	2489	2500	2500	2500	2262	2500
1968	5/16	9/11	9/27	178	320	466	588	718	869	1033	1225	1405	1546	1721	1871	2001	2145	2287	2430	2570	2709	2724	2724	2724	2412	2724
1969	5/30	9/11	9/20	20	132	272	399	534	698	838	1028	1184	1364	1546	1718	1879	2039	2202	2327	2439	2449	2449	2449	2449	2309	2449
1970	5/21	9/11	9/27	138	284	428	571	706	858	1042	1208	1359	1571	1737	1927	2079	2225	2339	2472	2547	2692	2705	2705	2705	2456	2705
1971	5/11	9/11	9/27	306	417	553	713	868	1038	1213	1367	1528	1685	1847	2021	2186	2295	2448	2621	2748	2844	2852	2852	2852	2595	2852
1972	5/15	9/11	9/27	308	432	532	679	828	973	1121	1318	1517	1674	1804	1933	2083	2270	2411	2544	2673	2773	2781	2781	2781	2523	2781
1973	5/11	9/11	9/21	232	371	549	656	832	1023	1201	1353	1512	1707	1897	2083	2250	2411	2616	2717	2788	2795	2795	2795	2795	2706	2795
1974	5/23	9/11	9/23	100	229	381	517	660	831	1013	1173	1323	1482	1646	1799	1969	2119	2229	2364	2459	2484	2484	2484	2484	2336	2484
1975	5/13	9/11	9/27	401	548	675	854	1023	1197	1379	1563	1751	1917	2105	2280	2423	2580	2710	2816	2906	2992	3008	3008	3008	2801	3008
1976	5/17	9/11	9/27	165	293	458	631	821	991	1172	1327	1485	1643	1781	1959	2122	2288	2385	2501	2657	2686	2696	2696	2696	2485	2696
1977	5/18	9/11	9/27	272	401	497	653	812	986	1143	1340	1529	1685	1870	2025	2151	2308	2468	2586	2705	2752	2761	2761	2761	2574	2761
1978	5/14	9/11	9/26	344	473	611	753	914	1065	1245	1410	1604	1769	1946	2131	2309	2448	2584	2684	2761	2841	2841	2841	2841	2671	2841
1979	5/10	9/11	9/23	316	452	591	750	878	1036	1194	1380	1569	1757	1933	2046	2180	2361	2525	2622	2737	2769	2769	2769	2769	2606	2769
1980	5/23	9/11	9/27	137	268	338	447	620	774	937	1115	1300	1486	1682	1848	2020	2194	2375	2490	2575	2660	2662	2662	2662	2481	2662
1981	5/23	9/11	9/27	171	314	441	615	756	933	1129	1308	1463	1624	1806	1973	2116	2266	2441	2564	2660	2713	2732	2732	2732	2544	2732
1982	5/ 7	9/11	9/27	401	526	670	806	933	1059	1235	1419	1588	1758	1914	2065	2206	2331	2448	2565	2678	2774	2790	2790	2790	2540	2790
1983	5/15	9/11	9/27	174	290	415	595	765	943	1089	1275	1443	1635	1825	1968	2143	2308	2479	2655	2763	2862	2880	2880	2880	2639	2880
1984	5/24	9/11	9/27	80	205	389	532	663	831	985	1163	1335	1493	1680	1885	2032	2198	2321	2452	2553	2670	2676	2676	2676	2438	2676
1985	5/12	9/11	9/27	292	414	540	663	793	955	1121	1281	1449	1613	1791	1964	2121	2273	2408	2535	2648	2783	2796	2796	2796	2531	2796
1986	5/16	9/11	9/27	283	381	531	663	803	945	1109	1260	1442	1625	1799	1961	2122	2230	2372	2476	2541	2632	2639	2639	2639	2454	2639
1987	5/28	9/11	9/27	82	232	345	501	666	827	1030	1207	1411	1560	1720	1890	2079	2200	2315	2482	2604	2679	2691	2691	2691	2460	2691
1988	5/ 7	9/11	9/27	406	535	648	818	966	1089	1287	1471	1662	1852	2063	2276	2413	2549	2687	2796	2896	2998	3011	3011	3011	2783	3011
1989	5/16	9/11	9/27	288	431	578	710	914	1089	1276	1427	1604	1782	1960	2138	2302	2447	2586	2765	2873	2964	2965	2965	2965	2745	2965
1990	5/17	9/11	9/27	156	285	434	626	789	936	1086	1260	1444	1626	1802	1968	2122	2312	2466	2591	2657	2736	2751	2751	2751	2573	2751
MEAN:	5/17	9/11	9/26	222	348	484	631	785	946	1116	1289	1463	1633	1807	1974	2130	2280	2421	2548	2653	2734	2742	2742	2742	2532	2742
STD :				117	121	117	120	123	122	128	127	131	132	137	139	135	135	141	143	138	142	148	148	148	138	148

Appendix 1 (cont'd).

STATION: BANCROFT AES #:6160465 AGCAN #: 6282

	* CONTROL DATES *			ACCUMULATED CHU TO SELECTED DATES:																						
	START	SILAGE	GRAIN	MAY	JUNE				JULY				AUG					SEPT				OCT				
YEAR	MM/DD	MM/DD	MM/DD	30	06	13	20	27	04	11	18	25	01	08	15	22	29	05	12	19	26	03	10	17	SILAGE	GRAIN
1954	5/25	9/ 4	9/21	83	185	331	488	648	794	910	1045	1198	1360	1499	1633	1762	1895	2007	2098	2153	2175	2175	2175	2175	1992	2175
1955	5/23	9/ 4	9/21	166	287	418	579	691	867	1047	1211	1376	1539	1717	1873	2067	2195	2327	2413	2526	2546	2546	2546	2546	2305	2546
1956	5/14	9/ 4	9/ 9	155	251	392	524	663	795	936	1068	1211	1335	1463	1618	1738	1858	2008	2060	2060	2060	2060	2060	2060	1984	2060
1957	6/ 1	8/22	9/21	0	79	192	355	514	654	786	913	1058	1220	1349	1483	1580	1692	1829	1928	2026	2072	2072	2072	2072	1580	2072
1958	5/18	9/ 4	9/21	144	250	353	429	530	689	819	973	1120	1281	1434	1580	1688	1791	1928	2025	2147	2173	2173	2173	2173	1910	2173
1959	5/22	9/ 4	9/16	152	274	424	534	674	831	974	1128	1283	1431	1580	1759	1938	2114	2289	2445	2453	2453	2453	2453	2453	2270	2453
1960	5/20	9/ 4	9/16	195	319	422	540	669	810	951	1096	1237	1377	1517	1647	1800	1928	2047	2165	2203	2203	2203	2203	2203	2033	2203
1961	5/14	9/ 4	9/21	141	245	371	472	578	717	844	1019	1210	1366	1526	1667	1797	1964	2156	2316	2410	2453	2453	2453	2453	2134	2453
1962	5/15	9/ 4	9/21	301	409	538	675	808	938	1086	1225	1340	1469	1617	1745	1860	2009	2144	2256	2345	2346	2346	2346	2346	2136	2346
1963	5/31	9/ 4	9/21	0	143	265	372	503	679	794	950	1116	1290	1454	1564	1680	1798	1901	2016	2111	2118	2118	2118	2118	1890	2118
1964	5/19	9/ 4	9/16	163	225	357	487	645	809	962	1127	1311	1467	1603	1705	1804	1940	2076	2197	2234	2234	2234	2234	2234	2058	2234
1965	5/27	8/30	9/21	42	128	251	364	492	644	771	915	1045	1164	1318	1470	1615	1729	1826	1939	2058	2114	2114	2114	2114	1739	2114
1966	5/24	9/ 4	9/21	91	207	316	441	604	779	937	1101	1248	1399	1558	1691	1833	1966	2106	2213	2310	2321	2321	2321	2321	2088	2321
1967	6/ 3	9/ 4	9/21	0	77	245	388	530	678	834	967	1141	1303	1456	1590	1734	1871	1974	2094	2227	2269	2269	2269	2269	1955	2269
1968	5/16	9/ 4	9/21	160	287	437	542	655	790	940	1119	1285	1411	1576	1707	1830	1961	2081	2204	2333	2374	2374	2374	2374	2063	2374
1969	5/30	9/ 4	9/21	18	105	229	337	463	608	738	913	1060	1219	1383	1533	1682	1822	1977	2098	2203	2226	2226	2226	2226	1957	2226
1970	6/ 1	9/ 4	9/21	0	112	247	364	485	629	791	943	1080	1275	1417	1596	1732	1859	1970	2091	2160	2193	2193	2193	2193	1948	2193
1971	5/18	9/ 4	9/21	168	265	383	526	661	814	972	1108	1252	1380	1524	1679	1822	1915	2057	2222	2340	2371	2371	2371	2371	2029	2371
1972	5/19	9/ 4	9/21	207	308	385	516	626	765	892	1063	1255	1393	1509	1615	1755	1939	2058	2184	2291	2318	2318	2318	2318	2045	2318
1973	6/ 1	9/ 4	9/21	0	109	281	398	546	712	876	1017	1164	1344	1519	1699	1849	2007	2202	2297	2359	2366	2366	2366	2366	2176	2366
1974	5/23	9/ 4	9/21	98	226	357	471	607	762	933	1077	1221	1362	1513	1651	1805	1940	2027	2157	2233	2256	2256	2256	2256	2013	2256
1975	5/19	9/ 4	9/21	206	328	441	604	760	924	1081	1243	1412	1561	1727	1877	2003	2145	2259	2346	2418	2442	2442	2442	2442	2244	2442
1976	5/29	8/30	9/21	33	147	297	444	614	760	923	1057	1203	1352	1469	1621	1770	1918	2013	2125	2264	2281	2281	2281	2281	1927	2281
1977	5/18	9/ 4	9/21	258	357	443	577	709	857	1000	1186	1364	1506	1672	1802	1899	2035	2186	2281	2395	2405	2405	2405	2405	2165	2405
1978	5/14	9/ 4	9/21	314	433	546	675	810	949	1108	1250	1428	1573	1727	1894	2053	2179	2316	2410	2476	2512	2512	2512	2512	2293	2512
1979	5/12	9/ 4	9/20	239	362	491	633	743	883	1026	1201	1366	1537	1698	1795	1918	2075	2228	2319	2418	2427	2427	2427	2427	2209	2427
1980	5/23	9/ 4	9/21	132	240	294	374	525	659	808	976	1146	1323	1503	1662	1824	1991	2160	2266	2344	2372	2372	2372	2372	2137	2372
1981	5/23	9/ 4	9/21	155	283	395	553	672	834	1025	1187	1326	1470	1632	1779	1911	2049	2217	2341	2414	2417	2417	2417	2417	2198	2417
1982	5/17	9/ 4	9/21	211	316	442	561	679	798	959	1126	1287	1446	1582	1710	1829	1936	2044	2154	2246	2270	2270	2270	2270	2029	2270
1983	6/ 5	9/ 4	9/21	0	30	143	314	461	632	768	959	1117	1295	1478	1607	1770	1932	2092	2252	2342	2381	2381	2381	2381	2069	2381
MEAN:	5/22	9/ 3	9/20	127	232	356	484	618	768	916	1072	1228	1381	1534	1675	1811	1948	2083	2197	2283	2304	2304	2304	2304	2052	2304
STD :				94	104	98	102	100	98	105	105	112	108	107	108	119	125	137	135	133	137	137	137	137	161	137

Appendix 1 (cont'd).

STATION: BELLEVILLE AES #:6150689 AGCAN #: 6217

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	JULY 27	04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	5/14	9/20	10/ 4	197	328	481	605	732	903	1041	1236	1448	1638	1823	2001	2152	2345	2553	2750	2881	3066	3153	3153	3153	2906	3153
1962	5/15	9/20	10/ 4	351	494	654	816	982	1141	1313	1484	1642	1808	1987	2143	2301	2485	2656	2794	2923	2987	3064	3084	3084	2924	3084
1963	5/19	9/20	10/ 4	144	307	452	592	743	935	1089	1276	1467	1666	1853	2007	2151	2300	2441	2572	2676	2738	2811	2814	2814	2682	2814
1964	5/ 6	9/20	10/ 4	425	499	652	804	980	1157	1336	1522	1733	1918	2087	2217	2350	2522	2687	2832	2918	3058	3144	3157	3157	2937	3157
1965	5/10	9/20	10/ 4	344	449	597	735	886	1056	1214	1388	1550	1701	1871	2054	2228	2370	2496	2643	2782	2936	2997	2997	2997	2811	2997
1966	5/24	9/20	10/ 4	120	247	378	524	716	910	1100	1291	1473	1659	1843	2012	2188	2355	2529	2662	2790	2857	2912	2929	2929	2805	2929
1967	5/27	9/20	10/ 4	60	215	399	582	754	925	1104	1261	1464	1648	1834	1999	2183	2351	2491	2625	2772	2873	2960	2978	2978	2799	2978
1968	5/14	9/20	10/ 4	229	370	540	675	813	974	1149	1358	1551	1723	1921	2090	2254	2412	2565	2717	2876	3040	3157	3162	3162	2901	3162
1969	5/30	9/20	10/ 4	22	136	286	415	562	730	892	1093	1285	1479	1678	1857	2035	2210	2406	2561	2691	2786	2886	2889	2889	2703	2889
1970	5/21	9/20	10/ 4	151	303	467	622	765	932	1122	1303	1470	1689	1865	2065	2239	2413	2560	2717	2831	3004	3072	3077	3077	2849	3077
1971	5/18	9/20	10/ 4	195	314	463	629	794	983	1177	1345	1519	1688	1870	2058	2237	2378	2552	2747	2902	3010	3154	3175	3175	2927	3175
1972	5/15	9/20	10/ 4	323	459	572	745	894	1055	1211	1418	1632	1799	1960	2108	2273	2479	2635	2791	2942	3063	3149	3169	3169	2955	3169
1973	5/10	9/20	10/ 4	245	393	580	718	904	1100	1293	1465	1657	1863	2066	2272	2452	2641	2866	3003	3097	3195	3320	3341	3341	3106	3341
1974	5/23	9/20	10/ 4	110	261	428	575	728	909	1103	1281	1454	1631	1817	1992	2180	2353	2482	2644	2753	2821	2885	2889	2889	2775	2889
1975	5/ 9	9/20	10/ 4	469	616	752	940	1127	1323	1521	1718	1919	2103	2302	2493	2660	2836	2983	3104	3199	3300	3397	3406	3406	3219	3406
1976	5/17	9/20	10/ 4	188	334	510	687	879	1055	1245	1406	1588	1764	1921	2113	2289	2463	2585	2725	2901	2966	3049	3059	3059	2916	3059
1977	5/13	9/20	10/ 4	370	497	620	793	952	1123	1297	1508	1712	1886	2083	2261	2396	2563	2741	2877	3017	3097	3179	3192	3192	3022	3192
1978	5/14	9/20	10/ 4	345	485	627	777	940	1113	1307	1486	1694	1868	2051	2244	2431	2589	2748	2879	2981	3083	3168	3184	3184	3000	3184
1979	5/10	9/20	10/ 4	338	487	641	811	947	1112	1276	1477	1674	1876	2072	2215	2365	2551	2737	2861	2990	3091	3217	3234	3234	2999	3234
1980	5/ 3	9/20	10/ 4	435	569	647	763	938	1092	1265	1451	1647	1846	2050	2236	2416	2605	2799	2940	3053	3164	3243	3250	3250	3075	3250
1981	5/23	9/20	10/ 4	180	329	465	643	794	987	1194	1381	1562	1734	1925	2110	2265	2434	2619	2766	2879	2958	2995	3000	3000	2888	3000
1982	5/ 2	9/20	10/ 4	499	631	783	925	1061	1216	1406	1594	1785	1969	2136	2297	2449	2587	2731	2860	2983	3102	3211	3224	3224	2997	3224
1983	5/15	9/20	10/ 4	188	304	436	627	807	998	1167	1371	1555	1762	1967	2120	2313	2501	2690	2882	3015	3123	3262	3280	3280	3043	3280
1984	5/21	9/20	10/ 4	143	275	468	627	779	962	1125	1315	1504	1680	1884	2100	2260	2433	2570	2708	2815	2949	3002	3002	3002	2839	3002
1985	5/12	9/20	10/ 4	328	461	588	718	871	1049	1226	1405	1588	1771	1961	2144	2311	2476	2632	2783	2904	3049	3149	3161	3161	2931	3161
1986	5/ 7	9/20	10/ 4	444	562	717	860	1019	1177	1368	1544	1739	1938	2127	2299	2490	2621	2776	2901	2981	3102	3227	3237	3237	2995	3237
1987	5/11	9/20	10/ 4	368	538	679	858	1049	1223	1436	1625	1838	2015	2195	2374	2574	2714	2842	3018	3151	3260	3359	3363	3363	3167	3363
1988	5/ 7	9/20	10/ 4	425	570	700	884	1045	1175	1378	1578	1779	1988	2210	2434	2596	2757	2910	3042	3175	3307	3409	3416	3416	3201	3416
1989	5/17	9/20	10/ 4	294	451	612	760	969	1144	1343	1512	1714	1906	2095	2277	2455	2614	2773	2961	3084	3183	3262	3267	3267	3103	3267
1990	5/17	9/20	10/ 4	179	310	462	655	824	983	1159	1349	1535	1727	1912	2097	2275	2476	2636	2780	2882	2977	3070	3086	3086	2896	3086
MEAN:	5/14	9/20	10/ 4	270	406	555	712	875	1048	1228	1414	1605	1791	1978	2156	2325	2494	2656	2804	2928	3038	3128	3139	3139	2945	3139
STD :				130	129	121	123	128	124	135	136	143	141	146	145	148	145	146	147	136	142	161	156	156	143	156

Appendix 1 (cont'd).

STATION: BROCKVILLE PCC AES #:6100971 AGCAN #: 6236

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	5/ 9	9/18	10/ 4	295	428	580	714	859	1027	1174	1371	1578	1766	1947	2122	2264	2447	2652	2846	2971	3146	3247	3247	3247	2954	3247
1962	5/16	9/18	10/ 4	297	446	606	761	927	1092	1267	1436	1594	1759	1932	2078	2233	2407	2565	2702	2824	2875	2953	2972	2972	2814	2972
1963	5/16	9/14	9/24	185	350	470	603	754	943	1084	1265	1450	1643	1830	1963	2110	2245	2379	2509	2602	2627	2627	2627	2627	2523	2627
1964	5/ 6	9/18	10/ 4	408	477	636	777	949	1127	1297	1486	1688	1864	2017	2147	2276	2443	2598	2735	2820	2956	3040	3058	3058	2808	3058
1965	5/10	9/18	9/28	335	432	581	710	858	1031	1184	1353	1509	1654	1823	1997	2165	2304	2421	2561	2679	2851	2856	2856	2856	2659	2856
1966	5/21	9/18	10/ 4	174	295	416	561	743	929	1108	1293	1464	1627	1803	1976	2139	2292	2454	2582	2697	2750	2809	2823	2823	2682	2823
1967	6/ 3	9/18	10/ 4	0	92	263	427	593	769	945	1111	1311	1497	1677	1841	2014	2179	2304	2426	2565	2654	2760	2775	2775	2541	2775
1968	5/14	9/18	10/ 4	220	360	514	642	779	937	1101	1305	1479	1627	1809	1967	2115	2266	2417	2572	2716	2873	2995	2999	2999	2695	2999
1969	5/30	9/18	10/ 4	22	139	292	427	567	736	890	1088	1264	1461	1659	1837	2011	2176	2352	2502	2621	2708	2798	2799	2799	2613	2799
1970	5/20	9/18	10/ 4	164	311	468	622	763	918	1090	1264	1425	1639	1812	2008	2176	2337	2469	2615	2717	2891	2951	2958	2958	2698	2958
1971	5/12	9/18	10/ 4	281	392	534	696	854	1029	1213	1370	1538	1696	1873	2056	2224	2344	2508	2696	2842	2947	3078	3096	3096	2826	3096
1972	5/15	9/18	10/ 4	315	438	538	714	871	1018	1168	1369	1572	1734	1875	2012	2172	2366	2516	2660	2804	2924	2999	3020	3020	2786	3020
1973	5/11	9/18	10/ 4	236	376	565	686	866	1063	1252	1414	1587	1784	1984	2190	2365	2536	2750	2878	2958	3044	3163	3185	3185	2947	3185
1974	5/23	9/18	10/ 4	109	261	423	578	725	898	1089	1265	1428	1604	1784	1949	2122	2293	2408	2554	2670	2724	2791	2794	2794	2657	2794
1975	5/13	9/18	10/ 4	394	541	661	844	1027	1210	1402	1596	1796	1994	2176	2368	2526	2695	2833	2949	3049	3135	3233	3241	3241	3029	3241
1976	5/17	9/18	10/ 4	170	305	469	649	842	1007	1187	1336	1517	1687	1834	2017	2178	2348	2458	2583	2754	2811	2892	2906	2906	2730	2906
1977	5/18	9/18	10/ 4	281	404	506	668	825	997	1160	1367	1563	1733	1929	2095	2227	2393	2564	2688	2819	2884	2951	2962	2962	2797	2962
1978	5/ 9	9/18	10/ 4	422	559	694	840	996	1153	1337	1514	1707	1867	2044	2228	2400	2532	2677	2780	2865	2952	3028	3036	3036	2852	3036
1979	5/10	9/18	10/ 4	332	475	626	790	917	1077	1232	1420	1606	1798	1977	2106	2252	2429	2603	2707	2826	2925	3046	3066	3066	2825	3066
1980	5/21	9/18	10/ 4	183	309	386	496	661	816	982	1165	1355	1553	1755	1932	2104	2283	2472	2602	2704	2812	2891	2896	2896	2688	2896
1981	5/11	9/18	10/ 4	285	427	562	735	880	1065	1269	1451	1621	1784	1964	2137	2294	2449	2635	2767	2878	2942	2975	2980	2980	2864	2980
1982	5/ 8	9/18	10/ 4	366	487	630	769	895	1034	1209	1401	1578	1756	1914	2071	2223	2351	2481	2606	2723	2839	2937	2949	2949	2716	2949
1983	5/15	9/18	10/ 4	164	275	406	588	761	942	1100	1301	1486	1686	1896	2042	2224	2401	2587	2778	2903	3017	3158	3175	3175	2879	3175
1984	5/22	9/18	10/ 4	118	236	414	562	709	885	1054	1244	1432	1609	1816	2023	2168	2334	2468	2598	2701	2830	2872	2874	2874	2682	2874
1985	5/12	9/18	10/ 4	301	425	538	661	804	970	1143	1318	1496	1663	1851	2036	2204	2361	2500	2634	2756	2904	3012	3025	3025	2731	3025
1986	5/15	9/18	10/ 4	296	390	536	673	810	956	1130	1295	1479	1664	1841	2015	2199	2326	2475	2606	2684	2793	2911	2923	2923	2664	2923
1987	5/11	9/18	10/ 4	306	464	584	756	944	1121	1326	1516	1729	1900	2075	2253	2449	2581	2710	2883	3010	3099	3186	3190	3190	2995	3190
1988	5/ 7	9/18	10/ 4	384	518	636	804	950	1063	1264	1453	1650	1859	2081	2304	2457	2611	2758	2884	3011	3131	3232	3235	3235	2987	3235
1989	5/17	9/18	10/ 4	271	418	570	706	904	1088	1254	1412	1613	1804	1989	2176	2346	2497	2656	2843	2965	3069	3148	3151	3151	2945	3151
1990	5/17	9/18	10/ 4	157	274	417	594	757	909	1071	1251	1440	1631	1813	1999	2170	2372	2537	2666	2762	2852	2939	2957	2957	2752	2957
MEAN:	5/15	9/17	10/ 3	249	376	517	668	826	993	1166	1347	1531	1711	1892	2064	2226	2386	2540	2680	2796	2898	2982	2992	2992	2777	2992
STD :				107	112	106	109	111	112	117	120	126	122	123	130	130	126	130	135	134	146	159	159	159	142	159

Appendix 1 (cont'd).

STATION: BRUCEFIELD AES #:6121025 AGCAN #: 6083

	* CONTROL DATES *			ACCUMULATED CHU TO SELECTED DATES:																						
	START	SILAGE	GRAIN	MAY	JUNE				JULY					AUG					SEPT				OCT			
YEAR	MM/DD	MM/DD	MM/DD	30	06	13	20	27	04	11	18	25	01	08	15	22	29	05	12	19	26	03	10	17	SILAGE	GRAIN
1961	5/14	9/18	10/ 4	185	335	511	623	745	919	1052	1236	1431	1613	1792	1964	2112	2294	2493	2680	2806	2974	3048	3050	3050	2788	3050
1962	5/15	9/18	10/ 4	353	474	634	791	949	1118	1284	1438	1597	1757	1925	2072	2219	2399	2568	2702	2836	2914	2992	3015	3015	2826	3015
1963	5/19	9/18	10/ 4	136	304	436	562	695	870	998	1180	1364	1546	1718	1854	1990	2138	2272	2402	2516	2598	2686	2692	2692	2493	2692
1964	5/ 6	9/18	10/ 4	402	488	636	771	935	1114	1266	1432	1631	1794	1948	2058	2175	2334	2478	2629	2719	2858	2933	2940	2940	2703	2940
1965	5/ 9	9/18	9/27	355	466	597	711	858	1005	1145	1305	1448	1588	1745	1908	2057	2191	2320	2454	2599	2737	2743	2743	2743	2572	2743
1966	5/20	9/18	10/ 4	153	270	393	526	706	877	1049	1218	1379	1551	1711	1846	2002	2156	2321	2439	2552	2622	2675	2691	2691	2535	2691
1967	5/26	9/18	10/ 4	84	233	429	606	756	908	1068	1192	1368	1530	1684	1810	1968	2106	2213	2330	2461	2554	2616	2639	2639	2442	2639
1968	5/15	9/18	10/ 4	164	284	443	540	669	818	967	1170	1333	1486	1664	1810	1985	2121	2271	2398	2554	2711	2808	2811	2811	2531	2811
1969	5/30	9/18	10/ 4	15	121	240	341	478	633	780	963	1142	1320	1491	1650	1804	1964	2149	2273	2416	2527	2617	2628	2628	2405	2628
1970	5/11	9/18	10/ 4	295	425	579	733	855	1029	1201	1376	1523	1731	1879	2058	2217	2359	2488	2639	2733	2895	2947	2950	2950	2719	2950
1971	5/17	9/18	10/ 4	191	320	460	627	785	954	1139	1284	1441	1588	1726	1892	2050	2187	2362	2543	2673	2770	2921	2941	2941	2655	2941
1972	5/15	9/18	10/ 4	311	419	539	685	782	923	1062	1254	1457	1597	1732	1872	2033	2218	2346	2487	2633	2756	2839	2859	2859	2614	2859
1973	5/ 9	9/18	10/ 4	227	379	551	706	869	1041	1212	1355	1538	1724	1902	2071	2225	2407	2613	2735	2815	2918	3044	3064	3064	2803	3064
1974	5/23	9/18	10/ 4	93	229	389	524	651	821	984	1139	1282	1445	1619	1783	1951	2094	2202	2357	2458	2519	2579	2585	2585	2441	2585
1975	5/19	9/18	10/ 4	283	407	529	699	879	1053	1209	1378	1550	1711	1875	2045	2182	2348	2476	2576	2670	2747	2820	2833	2833	2647	2833
1976	5/16	9/18	10/ 4	170	303	466	626	791	944	1110	1250	1414	1574	1715	1872	2023	2171	2277	2401	2551	2597	2682	2700	2700	2531	2700
1977	5/17	9/18	10/ 4	294	391	473	643	792	953	1129	1325	1506	1657	1840	1990	2113	2262	2421	2551	2681	2793	2860	2873	2873	2661	2873
1978	5/18	9/18	10/ 4	259	366	468	597	736	893	1044	1185	1368	1518	1674	1842	1998	2166	2300	2465	2573	2674	2751	2762	2762	2555	2762
1979	5/ 9	9/ 9	9/23	277	406	551	715	828	956	1085	1264	1435	1600	1769	1889	2023	2198	2371	2483	2602	2650	2650	2650	2650	2435	2650
1980	5/22	9/18	10/ 4	169	277	358	456	620	754	899	1060	1239	1419	1601	1756	1921	2092	2266	2390	2493	2611	2697	2697	2697	2477	2697
1981	5/23	9/18	9/24	165	289	418	577	706	884	1062	1224	1376	1516	1689	1861	1993	2138	2317	2459	2552	2584	2584	2584	2584	2540	2584
1982	5/ 7	8/29	10/ 4	422	525	657	769	883	1018	1187	1367	1517	1669	1844	1968	2098	2211	2338	2461	2570	2653	2761	2773	2773	2211	2773
1983	5/23	9/18	10/ 4	76	155	282	437	597	774	902	1082	1240	1414	1594	1728	1899	2066	2230	2385	2490	2577	2709	2732	2732	2466	2732
1984	5/23	9/18	10/ 2	65	194	369	498	639	789	933	1086	1237	1373	1558	1733	1875	2014	2134	2260	2349	2482	2505	2505	2505	2331	2505
1985	5/12	9/18	10/ 4	300	411	523	648	788	956	1124	1294	1454	1606	1773	1937	2081	2238	2400	2553	2660	2798	2887	2898	2898	2638	2898
1986	5/ 7	9/18	10/ 4	378	493	635	755	901	1036	1210	1387	1567	1745	1916	2070	2244	2358	2498	2600	2672	2822	2971	2987	2987	2651	2987
1987	5/11	9/18	10/ 4	360	508	648	817	989	1161	1366	1533	1739	1912	2091	2271	2460	2580	2705	2872	3011	3117	3204	3211	3211	2992	3211
1988	5/10	9/18	10/ 4	347	468	579	739	889	1014	1213	1405	1587	1774	1978	2195	2350	2499	2641	2753	2889	2990	3099	3104	3104	2862	3104
1989	5/18	9/18	10/ 4	241	396	534	679	868	1015	1201	1356	1556	1739	1912	2089	2246	2398	2546	2721	2825	2903	2982	2986	2986	2807	2986
1990	5/17	9/18	10/ 4	157	269	413	573	712	881	1038	1214	1370	1535	1695	1851	2025	2209	2363	2510	2600	2680	2784	2802	2802	2592	2802
MEAN:	5/16	9/17	10/ 3	230	353	491	632	778	937	1097	1265	1436	1601	1768	1924	2077	2230	2379	2516	2631	2734	2813	2823	2823	2597	2823
STD :				111	108	108	115	118	117	130	128	135	137	142	149	147	146	148	158	158	163	174	178	178	173	178

Appendix 1 (cont'd).

STATION: CHATHAM WATERWORKS AES #:6131416 AGCAN #: 6009

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1974	5/16	9/23	10/ 3	256	421	599	745	896	1092	1275	1455	1616	1803	1983	2173	2364	2545	2670	2838	2967	3052	3124	3124	3124	3008	3124
1975	5/11	9/27	10/12	446	594	733	925	1121	1312	1497	1678	1879	2054	2233	2426	2593	2786	2947	3071	3173	3268	3355	3464	3488	3283	3488
1976	5/16	9/27	10/12	212	352	542	716	899	1071	1252	1412	1598	1783	1926	2095	2247	2426	2559	2707	2868	2945	3034	3102	3123	2958	3123
1977	5/14	9/27	10/12	390	510	604	785	958	1150	1350	1563	1765	1933	2136	2316	2450	2620	2801	2949	3107	3243	3342	3402	3407	3261	3407
1978	5/13	9/27	10/12	350	499	637	802	972	1142	1319	1486	1696	1874	2042	2223	2406	2593	2745	2938	3098	3222	3315	3375	3412	3245	3412
1979	5/ 9	9/27	10/12	309	466	627	801	929	1083	1240	1434	1626	1817	2013	2164	2321	2504	2691	2816	2952	3065	3213	3248	3250	3084	3250
1980	5/ 4	9/27	10/12	410	547	644	767	947	1110	1283	1467	1668	1869	2077	2264	2449	2643	2842	2995	3123	3254	3355	3406	3419	3263	3419
1981	5/23	9/27	10/12	172	315	477	653	805	999	1200	1385	1551	1726	1909	2102	2247	2418	2605	2768	2878	2963	3022	3073	3089	2987	3089
1982	5/ 7	9/27	10/12	504	627	779	921	1068	1220	1416	1612	1784	1963	2150	2296	2457	2585	2735	2876	3008	3093	3217	3334	3360	3106	3360
1983	5/15	9/27	10/12	201	304	463	649	838	1030	1192	1406	1609	1806	2009	2175	2378	2573	2763	2947	3099	3199	3349	3444	3486	3220	3486
1984	4/28	9/27	10/12	404	562	768	941	1120	1300	1464	1652	1840	2016	2229	2432	2612	2783	2940	3098	3218	3377	3434	3541	3574	3383	3574
1985	5/ 2	9/27	10/12	532	683	823	960	1128	1308	1495	1684	1873	2053	2238	2422	2586	2765	2944	3114	3244	3392	3485	3577	3598	3404	3598
1986	4/28	9/27	10/12	534	659	831	985	1127	1268	1456	1661	1867	2042	2221	2401	2592	2732	2875	3014	3122	3306	3484	3561	3590	3334	3590
1987	5/11	9/27	10/12	409	583	750	940	1129	1313	1526	1706	1925	2128	2324	2523	2717	2849	2996	3183	3347	3468	3576	3620	3620	3490	3620
1988	5/10	9/27	10/12	383	535	678	860	1034	1186	1389	1595	1787	1992	2215	2443	2622	2787	2947	3080	3239	3365	3495	3539	3539	3387	3539
1989	5/18	9/27	10/12	262	429	588	744	937	1114	1322	1492	1706	1900	2088	2278	2455	2637	2817	3010	3132	3238	3344	3384	3407	3246	3407
1990	4/28	9/27	10/12	485	621	787	977	1146	1333	1521	1710	1895	2087	2261	2442	2628	2825	3010	3186	3301	3405	3531	3650	3659	3423	3659
MEAN:	5/ 9	9/26	10/11	368	512	666	833	1003	1178	1364	1552	1746	1932	2120	2304	2477	2651	2816	2975	3110	3226	3333	3402	3420	3240	3420
STD :				116	116	116	115	113	111	117	122	122	122	133	137	149	138	146	150	143	164	174	184	183	162	183

Appendix 1 (cont'd).

STATION: CHATS FALLS AES #:6101440 AGCAN #: 6269

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	5/ 9	9/14	9/29	260	381	520	651	792	951	1097	1290	1496	1682	1865	2034	2189	2374	2580	2764	2865	3033	3072	3072	3072	2797	3072
1962	5/16	9/14	9/29	319	472	628	787	953	1113	1286	1458	1617	1781	1969	2129	2286	2473	2643	2788	2916	2961	2985	2985	2985	2842	2985
1963	5/17	9/14	9/29	186	350	483	635	799	988	1117	1300	1494	1688	1873	2010	2153	2294	2449	2597	2714	2801	2813	2813	2813	2624	2813
1964	5/ 5	9/14	9/29	422	497	654	802	981	1156	1337	1532	1732	1910	2060	2192	2324	2486	2642	2777	2852	2970	2997	2997	2997	2805	2997
1965	5/ 8	9/14	9/29	397	510	658	798	953	1137	1293	1466	1620	1764	1927	2098	2269	2407	2510	2639	2747	2893	2897	2897	2897	2672	2897
1966	5/21	9/14	9/29	172	297	427	577	769	966	1143	1334	1512	1678	1856	2020	2192	2348	2509	2647	2763	2812	2838	2838	2838	2690	2838
1967	6/ 2	9/14	9/29	0	112	271	439	600	760	927	1096	1292	1485	1668	1835	2001	2156	2269	2396	2531	2614	2648	2648	2648	2427	2648
1968	5/14	9/14	9/29	245	388	544	683	815	973	1136	1334	1527	1678	1852	2011	2159	2317	2475	2626	2778	2934	2975	2975	2975	2658	2975
1969	5/30	9/14	9/29	22	143	287	431	574	740	886	1086	1259	1443	1640	1820	1994	2165	2331	2472	2581	2695	2736	2736	2736	2504	2736
1970	5/21	9/14	9/29	148	294	453	601	740	904	1091	1267	1429	1644	1823	2024	2189	2352	2481	2616	2703	2851	2877	2877	2877	2641	2877
1971	5/11	9/14	9/29	303	423	561	731	900	1077	1263	1431	1601	1762	1938	2122	2299	2400	2563	2741	2875	2981	3033	3033	3033	2786	3033
1972	5/15	9/14	9/29	313	439	540	707	867	1022	1175	1377	1579	1744	1880	2016	2171	2365	2516	2653	2784	2888	2921	2921	2921	2689	2921
1973	5/22	9/14	9/29	152	292	479	597	780	976	1161	1331	1505	1705	1907	2108	2284	2456	2668	2793	2883	2947	2995	2995	2995	2825	2995
1974	5/24	9/14	9/29	95	228	379	522	673	851	1035	1206	1368	1536	1710	1876	2052	2218	2343	2493	2599	2658	2711	2711	2711	2533	2711
1975	5/12	9/14	9/29	417	573	707	894	1071	1255	1451	1641	1833	2008	2199	2389	2548	2714	2856	2966	3069	3162	3211	3211	3211	2985	3211
1976	5/17	9/14	9/29	164	299	467	642	835	1006	1192	1350	1517	1683	1830	2011	2177	2340	2446	2568	2732	2777	2811	2811	2811	2611	2811
1977	5/18	9/14	9/23	279	404	520	679	841	1019	1183	1383	1577	1738	1927	2090	2225	2384	2550	2677	2796	2828	2828	2828	2828	2712	2828
1978	5/ 9	9/14	9/29	429	567	702	850	1013	1171	1356	1528	1730	1897	2085	2278	2455	2602	2750	2851	2944	3028	3062	3062	3062	2878	3062
1979	5/10	9/14	9/29	342	473	612	771	899	1057	1215	1402	1591	1778	1968	2091	2232	2415	2583	2684	2802	2888	2937	2937	2937	2727	2937
1980	5/18	9/14	9/29	229	362	439	555	726	888	1060	1248	1443	1641	1849	2025	2207	2392	2578	2706	2801	2889	2898	2898	2898	2734	2898
1981	5/22	9/14	9/29	193	341	475	654	809	994	1205	1392	1550	1714	1901	2072	2228	2381	2562	2691	2796	2852	2884	2884	2884	2732	2884
1982	5/ 7	9/14	9/29	418	549	704	846	981	1121	1307	1494	1679	1857	2017	2178	2325	2444	2564	2686	2802	2914	2957	2957	2957	2741	2957
1983	5/15	9/14	9/29	195	320	443	634	808	987	1147	1332	1508	1704	1903	2062	2246	2427	2606	2790	2903	3011	3063	3063	3063	2813	3063
1984	5/24	9/14	9/29	94	222	404	545	683	862	1032	1226	1415	1590	1795	2007	2164	2336	2472	2598	2703	2824	2847	2847	2847	2632	2847
1985	5/12	9/14	9/29	295	425	559	695	834	1010	1185	1359	1534	1694	1881	2054	2212	2373	2518	2642	2764	2901	2949	2949	2949	2666	2949
1986	5/12	9/14	9/29	362	463	621	760	910	1062	1236	1403	1592	1780	1959	2130	2294	2404	2547	2653	2718	2816	2857	2857	2857	2670	2857
1987	5/28	9/14	9/29	74	222	339	494	663	828	1036	1218	1424	1584	1753	1926	2117	2244	2363	2534	2663	2743	2796	2796	2796	2578	2796
1988	5/ 7	9/14	9/29	390	526	641	812	959	1090	1290	1473	1666	1860	2070	2283	2423	2556	2693	2804	2908	3012	3034	3034	3034	2835	3034
1989	5/17	9/14	9/29	261	396	539	674	865	1033	1216	1374	1559	1735	1912	2085	2253	2400	2546	2724	2846	2940	2970	2970	2970	2756	2970
1990	5/26	9/14	9/29	78	212	365	554	723	879	1046	1233	1428	1622	1805	1980	2141	2340	2500	2627	2708	2785	2833	2833	2833	2674	2833
MEAN:	5/16	9/14	9/28	241	372	514	667	827	995	1170	1352	1535	1712	1894	2065	2226	2385	2537	2673	2784	2880	2914	2914	2914	2707	2914
STD :				126	125	121	123	123	124	126	125	131	128	121	124	128	119	123	123	124	122	126	126	126	127	126

Appendix 1 (cont'd).

STATION: CHENAUX AES #:6101494 AGCAN #: 6276

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	5/ 9	9/14	9/29	226	334	469	592	719	878	1007	1192	1386	1565	1737	1901	2049	2233	2437	2620	2723	2891	2921	2921	2921	2657	2921
1962	5/16	9/14	9/29	294	436	581	733	888	1032	1202	1365	1512	1669	1842	1991	2135	2312	2479	2615	2729	2776	2804	2804	2804	2667	2804
1963	5/18	9/14	9/29	160	325	453	588	742	926	1051	1214	1405	1597	1777	1911	2051	2192	2314	2437	2537	2596	2605	2605	2605	2452	2605
1964	5/ 6	9/14	9/29	381	449	602	745	917	1087	1259	1443	1634	1821	1968	2091	2212	2365	2514	2646	2702	2811	2839	2839	2839	2667	2839
1965	5/ 9	9/14	9/27	344	442	566	692	843	1012	1155	1316	1453	1592	1747	1916	2077	2206	2313	2438	2549	2691	2691	2691	2691	2472	2691
1966	5/21	9/14	9/29	174	292	420	565	747	929	1112	1299	1454	1615	1791	1945	2104	2254	2399	2527	2643	2689	2710	2710	2710	2570	2710
1967	6/ 3	9/14	9/29	0	89	243	399	564	730	900	1060	1251	1436	1617	1780	1944	2095	2212	2336	2477	2562	2587	2587	2587	2367	2587
1968	5/15	9/14	9/29	224	368	520	651	794	953	1125	1315	1503	1656	1833	1986	2131	2282	2429	2581	2724	2870	2904	2904	2904	2610	2904
1969	5/30	9/14	9/29	24	138	279	413	549	716	863	1055	1221	1400	1582	1758	1929	2095	2265	2396	2499	2594	2624	2624	2624	2434	2624
1970	5/21	9/14	9/29	130	273	425	564	704	865	1049	1227	1380	1589	1765	1961	2121	2267	2396	2525	2593	2738	2764	2764	2764	2541	2764
1971	5/12	9/14	9/29	291	407	547	715	883	1061	1250	1423	1594	1750	1920	2102	2271	2385	2547	2723	2859	2959	3019	3019	3019	2770	3019
1972	5/15	9/14	9/29	302	425	529	696	845	996	1152	1346	1545	1709	1842	1976	2128	2320	2467	2598	2708	2815	2849	2849	2849	2628	2849
1973	5/22	9/14	9/29	147	291	477	591	766	963	1145	1304	1478	1676	1870	2066	2243	2412	2627	2733	2807	2860	2908	2908	2908	2758	2908
1974	5/24	9/14	9/29	92	222	385	519	663	833	1015	1181	1340	1506	1681	1838	2008	2166	2281	2422	2523	2574	2630	2630	2630	2463	2630
1975	5/12	9/14	9/29	414	564	692	871	1040	1217	1400	1588	1775	1944	2134	2312	2462	2623	2759	2873	2959	3046	3091	3091	3091	2887	3091
1976	5/16	9/14	9/29	162	297	473	651	844	1017	1191	1353	1517	1681	1823	1997	2162	2329	2436	2553	2712	2749	2777	2777	2777	2597	2777
1977	5/18	9/14	9/29	283	410	506	662	821	997	1154	1349	1540	1701	1885	2040	2164	2315	2476	2594	2718	2777	2815	2815	2815	2627	2815
1978	5/15	9/14	9/29	321	450	595	737	899	1054	1231	1397	1593	1753	1932	2115	2292	2433	2574	2674	2759	2846	2882	2882	2882	2696	2882
1979	5/10	9/14	9/29	302	438	581	748	887	1047	1208	1396	1581	1773	1948	2065	2203	2381	2540	2639	2757	2836	2887	2887	2887	2679	2887
1980	5/23	9/14	9/29	144	273	337	446	621	782	947	1128	1304	1495	1691	1857	2029	2203	2382	2502	2584	2663	2673	2673	2673	2526	2673
1981	5/23	9/14	9/29	168	313	437	612	759	938	1141	1324	1478	1639	1822	1997	2144	2294	2474	2600	2689	2751	2783	2783	2783	2637	2783
1982	5/ 7	9/14	9/29	403	524	669	786	918	1047	1234	1417	1597	1775	1933	2089	2227	2350	2467	2587	2697	2795	2837	2837	2837	2638	2837
1983	6/ 4	9/14	9/29	0	57	178	358	525	700	855	1046	1221	1410	1608	1759	1946	2120	2295	2474	2583	2680	2729	2729	2729	2496	2729
1984	5/24	9/14	9/29	85	208	392	540	675	848	1001	1187	1372	1538	1736	1942	2090	2256	2383	2513	2613	2735	2756	2756	2756	2545	2756
1985	5/12	9/14	9/29	295	422	555	691	830	1002	1173	1337	1505	1670	1848	2017	2176	2333	2472	2597	2716	2850	2896	2896	2896	2622	2896
1986	5/15	9/14	9/29	309	401	552	692	831	980	1126	1285	1467	1641	1817	1984	2150	2259	2403	2513	2582	2680	2718	2718	2718	2531	2718
1987	5/27	9/14	9/29	105	260	381	532	704	867	1069	1246	1451	1613	1777	1960	2151	2274	2390	2551	2681	2760	2814	2814	2814	2596	2814
1988	5/ 6	9/14	9/29	437	571	690	852	999	1123	1316	1504	1694	1882	2103	2314	2457	2601	2741	2858	2969	3084	3107	3107	3107	2893	3107
1989	5/16	9/14	9/29	290	431	577	715	912	1080	1269	1433	1609	1792	1973	2154	2321	2469	2614	2780	2892	2982	3009	3009	3009	2810	3009
1990	5/17	9/14	9/29	156	291	442	629	792	939	1096	1271	1455	1635	1810	1979	2133	2315	2474	2598	2665	2748	2799	2799	2799	2645	2799
MEAN:	5/17	9/14	9/28	222	346	485	632	789	953	1123	1300	1477	1650	1827	1993	2150	2304	2452	2583	2688	2780	2814	2814	2814	2616	2814
STD :				122	127	125	128	128	127	131	130	133	135	130	136	131	130	128	130	128	133	137	137	137	126	137

Appendix 1 (cont'd).

STATION: CORNWALL AES #:6101874 AGCAN #: 6251

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	JULY 27	04	11	18	25	AUG 01	08	15	22	SEPT 29	05	12	19	OCT 26	03	10	17	SILAGE	GRAIN
1961	5/ 9	9/17	10/ 2	285	414	551	688	837	1004	1157	1352	1557	1746	1927	2095	2244	2423	2637	2826	2939	3115	3204	3204	3204	2907	3204
1962	5/16	9/17	10/ 2	309	461	616	777	943	1104	1268	1435	1594	1766	1949	2095	2255	2436	2603	2749	2869	2918	2981	2981	2981	2843	2981
1963	5/16	9/17	10/ 2	220	400	526	670	829	1020	1156	1340	1535	1734	1924	2056	2206	2337	2476	2609	2707	2766	2815	2815	2815	2669	2815
1964	5/ 2	9/17	10/ 2	495	581	740	890	1076	1264	1436	1630	1827	2006	2159	2298	2431	2604	2766	2912	2989	3120	3189	3189	3189	2962	3189
1965	5/ 9	9/17	10/ 2	385	492	648	787	950	1127	1287	1464	1627	1784	1962	2147	2321	2462	2579	2725	2843	3017	3062	3062	3062	2804	3062
1966	5/20	9/17	10/ 2	202	334	457	615	804	997	1184	1373	1544	1708	1889	2061	2230	2388	2554	2690	2804	2864	2913	2913	2913	2769	2913
1967	6/ 2	9/17	10/ 2	0	119	291	460	632	810	987	1161	1363	1559	1742	1909	2089	2254	2385	2513	2659	2747	2849	2849	2849	2609	2849
1968	5/10	9/17	10/ 2	293	437	582	708	848	1010	1180	1385	1574	1739	1925	2081	2226	2378	2527	2681	2828	2984	3092	3092	3092	2781	3092
1969	5/30	9/17	10/ 2	23	138	291	435	585	759	907	1106	1282	1480	1681	1865	2037	2209	2383	2517	2638	2734	2801	2801	2801	2623	2801
1970	5/ 2	9/17	10/ 2	387	534	700	858	1003	1170	1348	1525	1691	1906	2080	2282	2457	2615	2756	2894	2980	3145	3192	3192	3192	2950	3192
1971	5/11	9/17	10/ 2	315	434	576	743	903	1090	1275	1436	1611	1779	1959	2144	2316	2439	2608	2790	2937	3047	3162	3162	3162	2903	3162
1972	5/14	9/17	10/ 2	337	459	556	719	882	1028	1172	1369	1564	1723	1860	1990	2132	2318	2461	2594	2726	2831	2888	2888	2888	2693	2888
1973	5/22	9/17	10/ 2	153	287	477	592	777	980	1176	1340	1515	1723	1925	2133	2309	2481	2700	2824	2900	2975	3067	3067	3067	2881	3067
1974	6/ 1	9/17	10/ 2	0	130	292	457	604	780	969	1145	1309	1493	1677	1839	2015	2186	2303	2450	2560	2614	2685	2685	2685	2539	2685
1975	5/12	9/17	10/ 2	439	588	713	900	1082	1267	1459	1628	1827	2021	2208	2405	2570	2733	2866	2972	3073	3175	3267	3267	3267	3038	3267
1976	5/17	9/17	10/ 2	163	291	452	639	827	992	1182	1338	1510	1683	1836	2022	2187	2354	2458	2561	2737	2793	2851	2851	2851	2685	2851
1977	5/18	9/17	10/ 2	276	393	495	652	811	987	1149	1353	1538	1712	1909	2073	2193	2357	2523	2638	2764	2821	2873	2873	2873	2719	2873
1978	5/ 9	9/17	9/26	443	584	726	873	1041	1197	1382	1566	1773	1934	2122	2313	2491	2624	2774	2872	2964	3052	3052	3052	3052	2945	3052
1979	5/10	9/17	10/ 2	356	505	650	820	952	1113	1275	1476	1677	1879	2069	2195	2341	2529	2700	2804	2924	3019	3137	3137	3137	2899	3137
1980	5/ 2	9/17	10/ 2	404	549	636	763	951	1112	1278	1464	1656	1857	2062	2239	2413	2592	2781	2909	3019	3119	3189	3189	3189	2997	3189
1981	5/11	9/17	10/ 2	315	469	611	800	950	1139	1352	1537	1711	1873	2056	2233	2392	2549	2743	2870	2991	3049	3081	3081	3081	2960	3081
1982	5/ 7	9/17	10/ 2	428	560	713	865	1002	1144	1330	1528	1712	1898	2061	2230	2386	2516	2653	2786	2908	3021	3105	3105	3105	2883	3105
1983	5/ 2	9/17	10/ 2	323	442	582	779	954	1147	1307	1504	1687	1889	2094	2243	2429	2608	2799	2988	3111	3228	3338	3338	3338	3060	3338
1984	5/21	9/17	10/ 2	155	282	485	642	793	980	1159	1359	1550	1731	1939	2152	2307	2481	2614	2741	2844	2972	3003	3003	3003	2807	3003
1985	5/12	9/17	10/ 2	325	454	579	715	856	1029	1205	1386	1572	1743	1930	2115	2284	2444	2580	2714	2836	2988	3099	3099	3099	2787	3099
1986	5/15	9/17	10/ 2	323	421	572	717	852	1002	1177	1346	1539	1719	1901	2078	2262	2383	2534	2661	2738	2839	2942	2942	2942	2705	2942
1987	5/11	9/17	10/ 2	320	495	626	791	975	1151	1362	1550	1755	1913	2089	2262	2459	2583	2708	2886	3016	3101	3198	3198	3198	2987	3198
1988	5/ 6	9/17	10/ 2	455	593	719	907	1059	1182	1386	1574	1772	1975	2193	2413	2564	2716	2871	3000	3114	3236	3330	3330	3330	3069	3330
1989	5/14	9/17	10/ 2	337	489	639	782	988	1170	1361	1531	1732	1919	2110	2293	2468	2612	2768	2958	3079	3194	3266	3266	3266	3041	3266
1990	5/17	9/17	10/ 2	161	292	445	636	805	962	1129	1315	1513	1704	1893	2075	2244	2445	2608	2733	2827	2915	2996	2996	2996	2812	2996
MEAN:	5/13	9/17	10/ 1	287	420	564	722	885	1057	1233	1417	1603	1786	1971	2144	2308	2468	2623	2762	2877	2979	3054	3054	3054	2844	3054
STD :				132	135	128	129	131	127	133	133	141	139	137	146	148	144	154	152	149	169	169	169	169	147	169

Appendix 1 (cont'd).

STATION: DALHOUSIE MILLS AES #:6101958 AGCAN #: 6255

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1968	5/15	9/10	9/25	197	332	460	571	704	856	1009	1203	1384	1525	1694	1839	1965	2100	2234	2372	2496	2626	2626	2626	2626	2334	2626
1969	5/30	9/10	9/20	23	136	275	411	539	698	823	1009	1167	1350	1536	1700	1858	2017	2174	2288	2390	2400	2400	2400	2400	2262	2400
1970	6/ 1	9/10	9/25	0	119	260	401	529	679	857	1021	1171	1376	1526	1711	1855	1996	2110	2241	2321	2442	2442	2442	2442	2208	2442
1971	5/11	8/25	9/25	269	376	498	641	786	947	1116	1251	1406	1553	1714	1886	2037	2153	2304	2472	2608	2691	2691	2691	2691	2072	2691
1972	5/16	9/10	9/25	261	390	482	639	800	943	1078	1268	1463	1619	1747	1875	2021	2207	2352	2474	2597	2667	2667	2667	2667	2436	2667
1973	5/31	9/10	9/21	0	121	302	405	571	759	945	1092	1249	1445	1634	1829	1996	2151	2357	2464	2533	2542	2542	2542	2542	2432	2542
1974	6/ 1	9/10	9/24	0	112	259	403	537	701	881	1042	1193	1359	1523	1669	1818	1968	2071	2203	2305	2336	2336	2336	2336	2154	2336
1975	5/20	9/10	9/25	245	381	485	653	815	979	1155	1337	1527	1705	1883	2054	2187	2334	2449	2539	2630	2712	2712	2712	2712	2507	2712
1976	5/17	8/31	9/25	152	273	422	598	784	944	1114	1265	1424	1579	1716	1890	2039	2200	2288	2377	2538	2576	2576	2576	2576	2220	2576
1977	5/18	9/10	9/25	248	360	454	598	746	909	1046	1235	1413	1566	1742	1889	2009	2162	2318	2425	2535	2571	2571	2571	2571	2403	2571
1978	5/14	9/10	9/25	344	465	593	727	885	1020	1190	1355	1546	1700	1868	2041	2206	2330	2463	2555	2639	2715	2715	2715	2715	2527	2715
1979	5/10	9/10	9/20	321	457	586	742	853	999	1151	1335	1513	1705	1875	1989	2116	2289	2439	2523	2627	2639	2639	2639	2639	2505	2639
1980	5/23	9/10	9/25	120	250	328	446	617	761	909	1077	1259	1448	1643	1806	1965	2127	2308	2416	2502	2573	2573	2573	2573	2388	2573
1981	5/23	9/10	9/25	169	310	435	609	751	926	1129	1300	1458	1604	1770	1932	2078	2217	2398	2512	2614	2648	2648	2648	2648	2481	2648
1982	5/ 9	9/10	9/25	346	476	611	751	873	995	1158	1338	1508	1669	1809	1964	2099	2211	2328	2440	2547	2628	2628	2628	2628	2397	2628
1983	6/ 1	9/10	9/25	0	99	217	393	547	717	867	1045	1210	1398	1586	1712	1879	2033	2203	2386	2492	2581	2581	2581	2581	2337	2581
1984	5/23	9/10	9/25	103	211	399	539	665	838	1003	1186	1359	1519	1712	1915	2045	2204	2321	2425	2515	2618	2618	2618	2618	2395	2618
1985	5/22	9/10	9/25	134	255	373	498	625	782	945	1102	1259	1413	1577	1735	1881	2025	2146	2265	2370	2490	2490	2490	2490	2251	2490
1986	5/16	9/10	9/25	271	355	490	615	734	869	1032	1187	1359	1527	1687	1845	2010	2110	2239	2346	2414	2488	2488	2488	2488	2300	2488
1987	5/29	9/10	9/25	56	217	339	489	654	817	1012	1189	1383	1519	1670	1821	1995	2095	2197	2356	2473	2542	2542	2542	2542	2314	2542
1988	5/11	9/10	9/25	325	445	556	728	860	962	1157	1323	1503	1688	1892	2091	2226	2355	2478	2576	2671	2766	2766	2766	2766	2550	2766
1989	5/14	9/10	9/25	297	443	572	698	888	1053	1231	1381	1554	1723	1906	2071	2228	2352	2485	2655	2765	2851	2851	2851	2851	2614	2851
1990	5/27	9/10	9/25	52	162	294	476	636	779	932	1104	1283	1453	1631	1795	1938	2115	2253	2359	2434	2496	2496	2496	2496	2325	2496
MEAN:	5/20	9/ 8	9/24	171	293	421	566	713	866	1032	1201	1373	1541	1710	1872	2019	2163	2300	2420	2522	2591	2591	2591	2591	2365	2591
STD :				123	127	120	123	122	117	120	124	129	121	124	124	125	116	125	116	120	121	121	121	121	141	121

Appendix 1 (cont'd).

STATION: DELHI CDA AES #:6131982 AGCAN #: 6038

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	JULY 27	04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	5/ 9	9/21	10/ 4	261	402	575	682	795	969	1099	1284	1480	1664	1838	2011	2152	2335	2531	2716	2838	3011	3073	3076	3076	2886	3076
1962	5/ 2	9/ 7	10/ 6	489	615	762	917	1075	1238	1394	1563	1725	1875	2037	2185	2331	2507	2672	2802	2926	2990	3062	3121	3121	2696	3121
1963	5/29	9/21	10/ 6	34	192	322	449	574	749	890	1067	1252	1436	1612	1753	1886	2026	2154	2287	2385	2463	2544	2580	2580	2407	2580
1964	5/ 6	9/13	10/ 5	421	507	665	812	992	1172	1337	1515	1717	1886	2047	2162	2293	2455	2620	2782	2883	3026	3113	3128	3128	2793	3128
1965	5/ 8	9/21	9/27	401	518	673	805	953	1121	1270	1433	1580	1722	1889	2072	2237	2372	2498	2647	2806	2952	2954	2954	2954	2868	2954
1966	5/18	9/16	10/ 6	212	332	474	618	800	971	1153	1326	1492	1669	1837	1995	2166	2321	2494	2612	2729	2810	2871	2899	2899	2682	2899
1967	5/26	9/21	10/ 6	72	211	411	599	762	930	1095	1226	1412	1581	1750	1896	2066	2215	2342	2466	2598	2691	2754	2803	2803	2644	2803
1968	5/26	9/21	10/ 6	45	173	347	471	613	767	927	1130	1301	1450	1634	1787	1971	2127	2273	2413	2568	2739	2860	2864	2864	2625	2864
1969	5/ 4	9/21	10/ 6	339	444	579	713	865	1026	1195	1385	1570	1756	1943	2106	2281	2443	2631	2768	2905	3009	3117	3152	3152	2935	3152
1970	5/10	9/21	10/ 6	332	485	648	801	931	1112	1293	1471	1628	1840	2001	2190	2361	2528	2677	2829	2943	3115	3175	3207	3207	2989	3207
1971	5/18	9/21	10/ 6	189	334	481	642	815	1004	1193	1348	1513	1671	1826	1996	2160	2309	2486	2678	2810	2910	3063	3116	3116	2849	3116
1972	5/ 3	9/21	10/ 6	442	565	687	848	961	1116	1257	1460	1669	1825	1991	2141	2310	2502	2648	2801	2966	3089	3180	3232	3232	3000	3232
1973	5/10	9/21	10/ 6	251	407	593	751	923	1098	1284	1447	1631	1826	2010	2202	2362	2540	2741	2877	2966	3081	3216	3262	3262	2989	3262
1974	5/19	9/21	9/23	184	327	497	634	779	960	1132	1295	1449	1621	1791	1966	2143	2312	2430	2589	2705	2745	2745	2745	2745	2740	2745
1975	5/17	9/21	10/ 6	330	467	595	778	957	1131	1301	1470	1657	1819	1992	2163	2311	2487	2630	2749	2840	2930	3011	3057	3057	2874	3057
1976	5/16	8/31	10/ 6	189	311	491	659	839	1013	1187	1339	1517	1698	1834	2008	2158	2341	2460	2590	2747	2813	2888	2946	2946	2368	2946
1977	5/18	9/21	10/ 6	289	400	501	675	829	1001	1187	1386	1579	1735	1927	2096	2220	2381	2555	2688	2834	2953	3030	3060	3060	2871	3060
1978	5/18	9/21	10/ 6	266	403	539	684	846	1008	1179	1333	1533	1698	1869	2046	2220	2394	2540	2700	2817	2927	3010	3045	3045	2865	3045
1979	5/ 9	9/20	10/ 6	306	458	607	761	886	1039	1190	1371	1547	1727	1913	2043	2188	2361	2535	2652	2770	2862	2994	3015	3015	2781	3015
1980	5/ 4	9/21	10/ 6	399	536	610	729	902	1056	1223	1399	1592	1783	1981	2161	2347	2528	2719	2863	2984	3106	3189	3194	3194	3036	3194
1981	5/23	9/21	10/ 6	172	307	466	642	795	983	1174	1353	1523	1686	1870	2055	2201	2364	2564	2723	2827	2897	2945	2978	2978	2839	2978
1982	5/ 8	9/21	10/ 6	436	547	690	823	955	1115	1306	1497	1677	1856	2042	2187	2339	2470	2615	2740	2867	2963	3075	3123	3123	2885	3123
1983	5/22	9/21	10/ 6	113	208	342	513	694	882	1035	1234	1418	1611	1812	1960	2150	2332	2508	2689	2812	2903	3038	3097	3097	2854	3097
1984	5/21	9/21	10/ 6	131	270	461	613	762	934	1092	1266	1441	1594	1799	1997	2157	2310	2450	2589	2687	2823	2866	2886	2886	2726	2886
1985	5/12	9/21	10/ 6	331	469	597	727	873	1043	1221	1384	1548	1712	1882	2057	2207	2378	2549	2708	2813	2944	3026	3050	3050	2855	3050
1986	5/ 7	9/ 8	10/ 6	412	535	697	836	985	1133	1312	1487	1671	1862	2034	2191	2371	2494	2628	2742	2810	2959	3099	3118	3118	2663	3118
1987	5/11	9/21	10/ 4	372	530	675	840	1018	1186	1390	1556	1764	1937	2110	2282	2467	2579	2697	2858	2990	3102	3199	3205	3205	3031	3205
1988	5/ 7	9/21	10/ 6	415	554	675	843	1005	1130	1313	1503	1686	1878	2083	2299	2458	2617	2755	2868	3009	3129	3237	3243	3243	3049	3243
1989	5/18	9/21	9/27	249	405	548	692	881	1036	1224	1375	1569	1746	1927	2090	2249	2409	2564	2749	2862	2959	2963	2963	2963	2906	2963
1990	5/17	9/18	10/ 6	167	281	432	601	749	918	1091	1270	1438	1605	1765	1921	2090	2282	2444	2602	2698	2790	2896	2961	2961	2691	2961
MEAN:	5/13	9/18	10/ 4	274	406	554	705	860	1028	1198	1372	1552	1725	1901	2067	2228	2390	2547	2692	2813	2923	3006	3036	3036	2813	3036
STD :				127	124	117	116	119	113	120	121	125	128	128	131	133	135	135	141	138	146	161	157	157	169	157

Appendix 1 (cont'd).

STATION: EARLTON A AES #:6072225 AGCAN #: 6423

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	6/18	8/25	9/11	0	0	0	49	146	279	402	581	759	898	1041	1147	1250	1399	1571	1704	1704	1704	1704	1704	1704	1314	1704
1962	5/18	8/25	9/11	193	298	413	523	646	778	935	1073	1186	1316	1447	1563	1656	1818	1945	2033	2033	2033	2033	2033	2033	1724	2033
1963	5/31	8/25	9/11	0	147	237	344	484	655	754	917	1081	1249	1399	1497	1606	1701	1779	1854	1854	1854	1854	1854	1854	1640	1854
1964	5/24	8/25	9/11	41	106	209	306	429	579	723	898	1061	1190	1312	1396	1486	1623	1734	1827	1827	1827	1827	1827	1827	1546	1827
1965	5/27	8/25	9/11	36	125	226	360	485	600	691	800	909	1018	1133	1262	1367	1426	1515	1573	1573	1573	1573	1573	1573	1397	1573
1966	5/23	8/25	9/11	84	169	275	384	551	704	853	1003	1144	1280	1417	1545	1671	1793	1895	1980	1980	1980	1980	1980	1980	1722	1980
1967	6/ 3	8/25	9/11	0	90	199	327	465	583	732	854	1029	1172	1305	1429	1523	1649	1750	1835	1835	1835	1835	1835	1835	1569	1835
1968	6/ 2	8/25	9/11	0	89	193	278	379	510	634	814	957	1068	1218	1318	1427	1551	1684	1775	1775	1775	1775	1775	1775	1497	1775
1969	6/11	8/25	9/11	0	0	61	141	264	382	506	688	833	996	1167	1325	1460	1606	1742	1792	1792	1792	1792	1792	1792	1527	1792
1970	6/ 1	8/25	9/11	0	81	211	325	436	574	744	885	1025	1220	1363	1556	1672	1794	1888	1997	1997	1997	1997	1997	1997	1726	1997
1971	6/13	8/25	9/11	0	0	20	190	309	455	611	744	872	988	1138	1264	1413	1516	1666	1798	1798	1798	1798	1798	1798	1436	1798
1972	5/21	8/25	9/11	163	264	345	454	567	691	827	988	1137	1264	1348	1444	1565	1714	1825	1914	1914	1914	1914	1914	1914	1625	1914
1973	5/25	8/25	9/11	78	185	326	430	578	747	903	1051	1198	1351	1526	1691	1834	1989	2184	2235	2235	2235	2235	2235	2235	1884	2235
1974	5/23	8/25	9/ 2	63	186	303	413	533	694	844	997	1131	1287	1426	1555	1714	1834	1873	1873	1873	1873	1873	1873	1873	1765	1873
1975	5/19	8/25	9/11	252	344	463	614	766	937	1078	1244	1394	1562	1712	1865	1975	2116	2210	2241	2241	2241	2241	2241	2241	2039	2241
1976	5/29	8/25	9/11	45	168	311	447	612	756	909	1022	1153	1284	1400	1535	1702	1834	1908	1993	1993	1993	1993	1993	1993	1755	1993
1977	5/18	8/25	9/11	252	326	387	511	651	804	941	1092	1239	1358	1504	1629	1723	1839	1938	1999	1999	1999	1999	1999	1999	1757	1999
1978	5/18	8/25	9/11	243	314	388	510	649	780	928	1055	1222	1341	1477	1628	1762	1860	1954	2015	2015	2015	2015	2015	2015	1799	2015
1979	5/20	8/25	9/11	112	231	344	484	586	695	845	1002	1160	1308	1440	1517	1628	1761	1869	1905	1905	1905	1905	1905	1905	1691	1905
1980	5/22	8/25	9/11	138	226	283	352	489	603	730	880	1043	1186	1345	1468	1627	1764	1918	1990	1990	1990	1990	1990	1990	1698	1990
1981	5/23	8/25	9/11	125	238	348	490	582	733	917	1073	1204	1346	1511	1651	1779	1893	2033	2106	2106	2106	2106	2106	2106	1834	2106
1982	5/26	8/25	9/11	108	198	330	395	489	594	765	927	1074	1211	1329	1440	1561	1644	1720	1812	1812	1812	1812	1812	1812	1611	1812
1983	6/ 4	8/25	9/11	0	23	109	270	405	554	674	849	993	1161	1323	1448	1605	1759	1935	2054	2054	2054	2054	2054	2054	1663	2054
1984	6/ 4	8/25	9/11	0	64	208	314	413	560	703	854	1010	1159	1331	1489	1603	1743	1820	1909	1909	1909	1909	1909	1909	1643	1909
1985	6/10	8/25	9/11	0	0	26	135	248	409	534	677	808	933	1094	1232	1354	1475	1584	1652	1652	1652	1652	1652	1652	1412	1652
1986	5/25	8/25	9/11	128	176	279	369	491	612	760	913	1075	1226	1358	1492	1619	1693	1810	1844	1844	1844	1844	1844	1844	1660	1844
1987	5/27	8/25	9/11	102	241	334	472	637	773	956	1095	1264	1380	1513	1656	1800	1883	1971	2082	2082	2082	2082	2082	2082	1828	2082
1988	5/21	8/25	9/11	152	251	357	495	605	707	892	1017	1180	1349	1530	1709	1815	1926	2035	2111	2111	2111	2111	2111	2111	1859	2111
1989	5/18	8/25	9/11	203	297	377	504	677	818	962	1089	1244	1404	1537	1689	1789	1899	2010	2116	2116	2116	2116	2116	2116	1823	2116
1990	5/26	8/25	9/11	65	175	305	447	554	682	799	955	1110	1265	1400	1522	1638	1802	1927	2004	2004	2004	2004	2004	2004	1711	2004
MEAN:	5/27	8/25	9/10	86	167	262	377	504	641	785	934	1083	1225	1368	1498	1620	1743	1856	1934	1934	1934	1934	1934	1934	1671	1934
STD :				83	104	121	131	139	143	151	147	147	153	151	163	166	167	166	159	159	159	159	159	159	165	159

Appendix 1 (cont'd).

STATION: ELORA RESEARCH STN AES #:6142285 AGCAN #: 6105

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1969	5/30	9/11	9/28	20	114	242	352	487	633	779	963	1136	1305	1476	1633	1790	1947	2121	2243	2368	2454	2471	2471	2471	2228	2471
1970	5/11	9/11	9/28	247	388	547	678	796	961	1127	1288	1434	1636	1784	1964	2115	2263	2401	2537	2618	2768	2778	2778	2778	2523	2778
1971	5/18	9/11	9/28	167	286	421	579	734	906	1081	1213	1370	1510	1654	1814	1967	2095	2252	2432	2552	2637	2675	2675	2675	2409	2675
1972	5/16	9/11	9/28	292	399	498	639	745	884	1017	1206	1399	1539	1670	1805	1959	2143	2271	2407	2547	2656	2676	2676	2676	2383	2676
1973	5/23	9/11	9/21	102	245	416	557	716	882	1052	1203	1380	1560	1731	1911	2059	2226	2418	2532	2612	2622	2622	2622	2622	2521	2622
1974	5/23	9/11	9/23	93	222	372	495	623	793	954	1109	1256	1409	1569	1730	1893	2040	2140	2286	2379	2404	2404	2404	2404	2259	2404
1975	5/19	9/10	9/28	278	397	518	688	858	1038	1202	1361	1532	1688	1850	2014	2146	2296	2418	2510	2587	2660	2683	2683	2683	2478	2683
1976	5/17	9/11	9/28	139	259	423	578	750	899	1069	1203	1362	1518	1644	1804	1956	2118	2222	2339	2484	2532	2545	2545	2545	2321	2545
1977	5/18	9/11	9/28	286	383	475	640	789	945	1115	1303	1481	1620	1795	1945	2048	2194	2350	2461	2580	2673	2700	2700	2700	2447	2700
1978	5/20	9/11	9/28	222	340	458	583	732	886	1047	1191	1383	1535	1693	1862	2022	2186	2320	2463	2545	2637	2661	2661	2661	2450	2661
1979	5/11	9/11	9/20	204	332	468	620	729	862	1007	1187	1353	1518	1683	1800	1930	2092	2253	2361	2463	2476	2476	2476	2476	2345	2476
1980	5/19	9/11	9/27	216	327	390	494	655	789	943	1108	1287	1459	1636	1796	1968	2137	2309	2423	2519	2614	2616	2616	2616	2415	2616
1981	5/22	9/11	9/28	177	303	428	583	715	889	1073	1240	1394	1538	1711	1882	2015	2162	2342	2480	2570	2622	2642	2642	2642	2457	2642
1982	5/13	9/11	9/28	325	426	559	674	795	935	1112	1289	1458	1619	1787	1914	2047	2162	2285	2402	2506	2587	2618	2618	2618	2378	2618
1983	5/23	9/11	9/28	71	150	273	442	609	787	922	1114	1284	1470	1658	1798	1970	2144	2307	2462	2561	2636	2663	2663	2663	2447	2663
1984	5/20	9/11	9/28	125	254	431	559	692	850	991	1151	1313	1458	1650	1840	1982	2121	2228	2348	2433	2551	2552	2552	2552	2334	2552
1985	5/12	9/11	9/28	268	375	472	575	698	851	1006	1160	1313	1462	1625	1783	1920	2067	2225	2370	2466	2579	2600	2600	2600	2366	2600
MEAN:	5/18	9/10	9/26	190	305	434	572	713	870	1029	1193	1360	1520	1683	1840	1987	2140	2286	2415	2517	2594	2610	2610	2610	2397	2610
STD :				88	91	86	90	86	88	98	95	99	94	93	101	90	93	86	83	76	98	104	104	104	93	104

Appendix 1 (cont'd).

STATION: FORT FRANCES AES #:6022475 AGCAN #: 6381

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	5/21	9/ 1	9/16	145	293	445	562	686	840	1000	1165	1331	1497	1664	1798	1945	2100	2235	2353	2385	2385	2385	2385	2385	2178	2385
1962	5/16	9/ 1	9/16	229	309	463	590	743	906	1065	1192	1339	1477	1637	1788	1931	2088	2180	2281	2332	2332	2332	2332	2332	2126	2332
1963	6/ 1	9/ 1	9/16	0	151	253	369	541	710	886	1049	1235	1412	1583	1720	1853	2004	2139	2274	2336	2336	2336	2336	2336	2059	2336
1964	5/22	9/ 1	9/15	118	191	315	417	560	724	907	1082	1266	1421	1586	1678	1794	1908	2024	2112	2132	2132	2132	2132	2132	1955	2132
1965	6/ 5	8/28	9/16	0	35	143	273	417	553	676	828	997	1126	1284	1454	1573	1676	1774	1825	1845	1845	1845	1845	1845	1673	1845
1966	5/23	9/ 1	9/16	96	213	307	432	607	811	983	1173	1331	1501	1656	1784	1899	2049	2181	2318	2374	2374	2374	2374	2374	2118	2374
1967	5/25	9/ 1	9/16	104	231	346	495	605	722	883	1023	1205	1354	1503	1647	1767	1906	2031	2158	2235	2235	2235	2235	2235	1947	2235
1968	6/ 4	9/ 1	9/16	0	67	192	286	412	531	682	870	1020	1144	1319	1430	1569	1692	1803	1888	1982	1982	1982	1982	1982	1746	1982
1969	5/28	9/ 1	9/16	64	125	204	280	401	508	641	818	972	1125	1290	1469	1617	1805	1964	2056	2133	2133	2133	2133	2133	1868	2133
1970	6/ 2	9/ 1	9/16	0	97	267	407	534	703	875	1053	1214	1403	1553	1725	1866	2000	2142	2253	2268	2268	2268	2268	2268	2047	2268
1971	6/ 4	9/ 1	9/16	0	70	208	376	519	685	840	992	1144	1240	1377	1530	1706	1843	2021	2153	2196	2196	2196	2196	2196	1906	2196
1972	5/13	9/ 1	9/16	400	546	681	783	924	1050	1210	1363	1511	1667	1781	1939	2129	2274	2392	2492	2542	2542	2542	2542	2542	2341	2542
1973	5/20	9/ 1	9/16	168	296	419	558	704	847	1022	1179	1329	1463	1641	1792	1957	2140	2304	2402	2426	2426	2426	2426	2426	2220	2426
1974	5/22	9/ 1	9/16	108	236	341	453	600	763	968	1159	1336	1481	1633	1796	1942	2036	2110	2185	2222	2222	2222	2222	2222	2060	2222
1975	5/18	9/ 1	9/12	245	332	446	576	760	949	1094	1294	1465	1664	1823	1980	2096	2232	2356	2400	2400	2400	2400	2400	2400	2297	2400
1976	5/27	9/ 1	9/16	74	240	417	530	689	834	1009	1157	1332	1482	1634	1788	1976	2135	2254	2397	2447	2447	2447	2447	2447	2179	2447
1977	5/13	9/ 1	9/16	427	546	676	827	994	1145	1310	1488	1663	1816	1947	2056	2167	2288	2378	2468	2539	2539	2539	2539	2539	2324	2539
1978	5/17	9/ 1	9/16	277	363	466	596	748	925	1073	1244	1402	1546	1676	1854	1995	2145	2303	2447	2483	2483	2483	2483	2483	2198	2483
1979	5/27	9/ 1	9/16	64	159	267	408	522	679	852	1016	1202	1361	1523	1640	1793	1908	2052	2125	2177	2177	2177	2177	2177	1971	2177
1980	5/19	9/ 1	9/16	284	402	528	653	826	972	1142	1324	1486	1650	1806	1950	2108	2253	2378	2492	2524	2524	2524	2524	2524	2302	2524
1981	5/21	9/ 1	9/16	164	285	411	540	668	834	1023	1199	1347	1499	1668	1829	1984	2153	2275	2420	2460	2460	2460	2460	2460	2215	2460
1982	5/26	8/27	9/16	100	197	292	389	519	658	821	997	1167	1324	1495	1632	1781	1873	1979	2123	2140	2140	2140	2140	2140	1844	2140
1983	6/12	9/ 1	9/16	0	0	57	179	358	500	674	868	1043	1227	1420	1594	1752	1936	2109	2216	2248	2248	2248	2248	2248	2013	2248
1984	5/22	9/ 1	9/16	102	257	384	529	684	842	990	1156	1324	1501	1699	1875	2034	2203	2300	2378	2418	2418	2418	2418	2418	2242	2418
1985	5/24	9/ 1	9/16	93	159	267	383	487	626	789	954	1105	1244	1421	1545	1651	1775	1886	1986	2047	2047	2047	2047	2047	1826	2047
1986	5/13	9/ 1	9/16	295	416	550	679	834	982	1137	1298	1469	1633	1794	1944	2074	2178	2296	2383	2399	2399	2399	2399	2399	2236	2399
1987	5/15	9/ 1	9/16	214	341	481	656	816	958	1141	1299	1481	1669	1836	2003	2148	2265	2378	2486	2555	2555	2555	2555	2555	2307	2555
1988	5/20	9/ 1	9/16	207	396	551	715	880	1035	1212	1371	1538	1729	1907	2099	2264	2375	2504	2610	2662	2662	2662	2662	2662	2436	2662
1989	5/13	9/ 1	9/16	287	398	479	631	790	962	1149	1313	1505	1676	1841	2005	2161	2309	2442	2530	2593	2593	2593	2593	2593	2361	2593
1990	5/26	9/ 1	9/16	84	208	368	503	655	843	1001	1160	1312	1488	1654	1789	1948	2131	2287	2419	2464	2464	2464	2464	2464	2203	2464
MEAN:	5/23	8/31	9/15	144	251	374	502	649	803	968	1136	1302	1460	1621	1771	1916	2056	2182	2287	2332	2332	2332	2332	2332	2106	2332
STD :				119	139	148	156	163	169	174	172	174	186	182	183	187	189	192	198	194	194	194	194	194	200	194

Appendix 1 (cont'd).

STATION: GUELPH OAC AES #:6143083 AGCAN #: 6095

	* CONTROL DATES *			ACCUMULATED CHU TO SELECTED DATES:																					
	START	SILAGE	GRAIN	MAY	JUNE				JULY				AUG					SEPT				OCT			
YEAR	MM/DD	MM/DD	MM/DD	30	06	13	20	27	04	11	18	25	01	08	15	22	29	05	12	19	26	03	10	17	SILAGE	GRAIN
1961	5/14	9/16	10/ 2	163	298	458	559	679	842	969	1153	1348	1531	1710	1877	2017	2195	2386	2572	2697	2863	2920	2920	2920	2652	2920
1962	5/15	9/ 6	10/ 2	339	454	594	740	890	1042	1201	1354	1497	1637	1799	1939	2079	2247	2402	2525	2636	2687	2728	2728	2728	2414	2728
1963	5/30	9/16	9/24	13	164	282	397	528	702	835	1001	1178	1353	1525	1655	1774	1904	2028	2152	2247	2284	2284	2284	2284	2191	2284
1964	5/ 9	9/13	10/ 2	311	385	519	655	821	993	1150	1313	1514	1674	1825	1928	2043	2189	2328	2463	2546	2670	2732	2732	2732	2473	2732
1965	5/ 9	8/30	9/27	338	431	570	687	827	982	1116	1269	1404	1532	1690	1857	2011	2136	2252	2383	2521	2655	2655	2655	2655	2146	2655
1966	5/24	9/16	10/ 2	97	213	331	466	648	823	996	1168	1330	1492	1650	1796	1948	2090	2245	2362	2470	2534	2570	2570	2570	2423	2570
1967	5/29	9/16	10/ 2	25	168	350	521	670	823	979	1105	1284	1437	1592	1725	1880	2018	2137	2255	2381	2465	2497	2497	2497	2319	2497
1968	6/ 4	9/16	10/ 2	0	64	229	342	463	605	759	951	1114	1252	1426	1573	1745	1891	2034	2163	2313	2471	2551	2551	2551	2244	2551
1969	5/30	9/16	9/29	19	115	246	361	499	654	801	995	1170	1345	1521	1678	1841	2004	2179	2308	2437	2526	2550	2550	2550	2405	2550
1970	5/10	9/16	10/ 2	275	421	579	711	833	997	1162	1330	1477	1681	1832	2010	2166	2311	2452	2592	2673	2826	2859	2859	2859	2636	2859
1971	5/18	9/16	10/ 2	168	290	424	577	735	909	1086	1227	1386	1530	1679	1844	1997	2127	2290	2471	2589	2675	2796	2796	2796	2548	2796
1972	5/16	9/16	10/ 2	292	403	507	651	756	898	1030	1221	1417	1564	1697	1837	1990	2175	2308	2446	2590	2703	2767	2767	2767	2526	2767
1973	5/23	9/16	9/21	103	245	425	567	731	899	1078	1228	1401	1585	1760	1948	2102	2276	2472	2596	2684	2696	2696	2696	2696	2655	2696
1976	5/16	9/16	10/ 2	172	282	444	597	768	921	1085	1224	1384	1541	1666	1829	1973	2136	2243	2360	2505	2558	2616	2616	2616	2443	2616
1977	5/18	9/16	10/ 2	267	371	464	627	768	926	1096	1288	1469	1612	1791	1947	2060	2207	2366	2484	2608	2704	2760	2760	2760	2546	2760
1978	5/25	9/16	9/26	127	254	379	505	650	798	959	1101	1294	1449	1603	1768	1925	2090	2224	2369	2455	2554	2554	2554	2554	2433	2554
1979	5/10	9/16	10/ 2	244	372	507	656	769	906	1051	1234	1397	1568	1743	1863	1989	2155	2317	2425	2537	2621	2720	2720	2720	2492	2720
1980	5/19	9/16	9/27	210	325	390	497	658	795	949	1113	1295	1476	1660	1825	1999	2169	2346	2468	2572	2673	2680	2680	2680	2532	2680
1981	5/23	9/16	9/30	157	285	414	572	706	878	1062	1231	1381	1524	1695	1870	1994	2140	2325	2469	2560	2619	2643	2643	2643	2535	2643
1982	5/13	8/29	10/ 2	317	421	553	672	793	933	1108	1285	1451	1614	1780	1911	2046	2169	2300	2416	2523	2608	2692	2692	2692	2169	2692
1983	5/22	9/14	10/ 2	91	177	298	462	625	803	939	1137	1309	1492	1685	1826	1999	2173	2333	2499	2607	2688	2781	2781	2781	2523	2781
1984	6/ 3	9/16	10/ 2	0	86	271	406	542	706	851	1018	1184	1326	1525	1719	1869	2010	2122	2248	2342	2466	2488	2488	2488	2298	2488
1985	5/12	9/16	10/ 2	291	414	520	636	769	926	1092	1247	1407	1559	1716	1876	2021	2177	2334	2484	2582	2703	2770	2770	2770	2527	2770
1986	5/17	9/ 8	10/ 2	236	346	483	612	749	886	1059	1225	1403	1588	1746	1893	2058	2178	2304	2403	2468	2590	2704	2704	2704	2333	2704
1987	5/11	9/16	10/ 2	324	470	608	761	932	1088	1286	1447	1651	1811	1975	2139	2319	2436	2546	2700	2811	2912	3002	3002	3002	2773	3002
1988	5/22	9/16	10/ 2	162	294	407	562	707	821	996	1182	1359	1543	1742	1948	2090	2231	2354	2450	2576	2683	2765	2765	2765	2503	2765
1989	5/18	9/16	9/27	230	383	514	643	826	967	1146	1289	1466	1635	1816	1967	2113	2259	2404	2577	2673	2757	2761	2761	2761	2621	2761
1990	5/28	9/16	10/ 2	38	151	292	462	606	761	916	1085	1247	1411	1567	1722	1883	2063	2201	2341	2424	2507	2582	2582	2582	2407	2582
MEAN:	5/19	9/13	9/30	178	295	430	568	712	867	1027	1193	1364	1527	1693	1848	1997	2148	2294	2427	2536	2632	2682	2682	2682	2455	2682
STD :				114	118	112	112	116	115	123	120	123	121	119	125	122	120	121	136	132	132	153	153	153	162	153

Appendix 1 (cont'd).

STATION: HAMILTON RBG AES #:6153300 AGCAN #: 6065

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	JULY 27	04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	5/15	9/25	10/ 9	215	372	510	642	778	962	1120	1319	1524	1721	1908	2089	2245	2431	2638	2832	2974	3157	3248	3352	3352	3136	3352
1962	5/ 6	9/25	10/ 9	439	573	717	887	1063	1235	1421	1601	1768	1926	2103	2266	2431	2618	2793	2937	3076	3128	3202	3294	3294	3114	3294
1963	5/ 5	9/25	10/ 9	312	465	614	761	918	1110	1270	1456	1648	1847	2040	2200	2353	2501	2652	2804	2900	2981	3092	3195	3195	2960	3195
1964	5/ 8	9/25	10/ 7	416	488	628	786	966	1152	1333	1516	1729	1912	2086	2218	2357	2524	2692	2848	2949	3095	3175	3186	3186	3076	3186
1965	5/11	9/25	10/ 5	324	425	593	731	887	1068	1227	1400	1559	1712	1885	2081	2260	2412	2535	2682	2838	3001	3075	3075	3075	2991	3075
1966	5/21	9/25	10/ 9	170	299	443	607	806	1003	1197	1392	1584	1769	1955	2127	2300	2469	2653	2797	2927	3015	3081	3174	3174	3006	3174
1967	5/19	9/25	10/ 9	115	267	445	629	797	970	1142	1295	1495	1681	1860	2019	2198	2356	2500	2637	2777	2886	2957	3028	3028	2865	3028
1968	6/ 2	9/25	10/ 9	0	114	272	403	537	701	876	1078	1264	1423	1619	1794	1976	2134	2296	2446	2610	2784	2905	2943	2943	2769	2943
1969	5/30	9/25	10/ 9	23	130	282	418	562	729	886	1098	1294	1493	1697	1884	2075	2266	2460	2620	2768	2872	2987	3068	3068	2858	3068
1970	5/21	9/25	10/ 9	128	282	463	609	746	928	1115	1303	1468	1692	1863	2065	2248	2425	2592	2754	2870	3046	3120	3212	3212	3021	3212
1971	5/17	9/25	10/ 9	211	327	472	637	815	1006	1205	1375	1556	1729	1906	2090	2270	2424	2605	2803	2954	3069	3225	3317	3317	3053	3317
1972	5/18	9/25	10/ 9	242	376	505	659	784	940	1095	1304	1520	1692	1850	2009	2178	2383	2545	2700	2866	2999	3099	3159	3159	2971	3159
1973	5/23	9/25	10/ 9	102	251	452	603	783	968	1163	1335	1526	1723	1920	2122	2295	2485	2703	2857	2956	3063	3188	3285	3285	3039	3285
1974	5/23	9/23	10/ 3	120	267	430	565	720	911	1102	1283	1449	1628	1814	1992	2187	2368	2504	2678	2795	2878	2948	2948	2948	2839	2948
1975	5/15	9/25	10/ 9	370	518	653	844	1029	1221	1414	1599	1798	1985	2172	2364	2531	2704	2853	2982	3078	3177	3267	3330	3330	3163	3330
1976	5/29	9/25	10/ 9	28	139	323	499	685	862	1053	1222	1409	1590	1747	1935	2110	2302	2441	2587	2760	2839	2911	2970	2970	2833	2970
1977	5/13	9/25	10/ 9	389	509	629	802	968	1150	1328	1536	1742	1913	2116	2295	2435	2605	2779	2926	3077	3200	3289	3350	3350	3177	3350
1978	5/20	9/25	10/ 9	241	386	535	685	854	1023	1208	1382	1590	1759	1939	2132	2313	2495	2661	2819	2939	3060	3155	3212	3212	3047	3212
1979	5/10	9/25	10/ 9	286	435	588	759	902	1061	1231	1436	1634	1833	2033	2182	2332	2514	2698	2827	2967	3073	3214	3254	3254	3051	3254
1980	5/ 4	9/25	10/ 9	412	547	640	769	955	1107	1290	1481	1683	1879	2084	2273	2461	2651	2851	3008	3134	3259	3354	3394	3394	3254	3394
1981	5/22	9/25	10/ 9	199	345	503	682	836	1020	1223	1420	1595	1767	1964	2159	2316	2489	2690	2850	2976	3061	3117	3173	3173	3039	3173
1982	5/ 2	9/25	10/ 9	419	527	660	807	946	1101	1289	1481	1669	1854	2035	2194	2359	2498	2640	2772	2900	3003	3120	3201	3201	2987	3201
1983	5/22	9/25	10/ 9	123	236	368	551	738	917	1078	1287	1488	1694	1904	2060	2258	2453	2647	2838	2975	3083	3218	3308	3308	3064	3308
1984	5/20	9/25	10/ 9	156	303	501	643	798	977	1137	1328	1514	1680	1888	2097	2269	2440	2580	2725	2840	2979	3035	3082	3082	2971	3082
1985	5/11	9/25	10/ 9	347	489	622	755	909	1088	1272	1447	1625	1801	1985	2166	2330	2503	2677	2841	2965	3107	3208	3287	3287	3089	3287
1986	5/ 7	9/25	10/ 9	403	520	662	806	967	1126	1320	1503	1698	1905	2090	2264	2449	2584	2732	2858	2931	3065	3205	3259	3259	3040	3259
1987	5/11	9/25	10/ 9	350	520	675	852	1041	1217	1429	1607	1826	2013	2199	2382	2586	2722	2856	3027	3168	3288	3394	3442	3442	3272	3442
1988	5/22	9/25	10/ 9	182	332	467	645	818	968	1169	1373	1570	1771	1990	2213	2377	2542	2696	2826	2969	3094	3202	3224	3224	3080	3224
1989	5/18	9/25	10/ 9	268	433	580	721	910	1080	1281	1453	1654	1845	2041	2225	2395	2560	2729	2924	3044	3154	3237	3274	3274	3141	3274
1990	5/ 1	9/25	10/ 9	346	486	646	837	1010	1184	1362	1549	1734	1922	2108	2288	2463	2661	2834	2989	3097	3205	3319	3418	3418	3184	3418
MEAN:	5/15	9/24	10/ 8	244	378	529	686	850	1026	1207	1395	1587	1771	1960	2139	2311	2483	2651	2806	2936	3054	3151	3213	3213	3036	3213
STD :				130	131	120	125	132	131	140	134	136	142	137	139	140	138	132	137	123	121	133	144	144	125	144

Appendix 1 (cont'd).

STATION: HARROW CDA AES #:6133360 AGCAN #: 6003

	* CONTROL DATES *			ACCUMULATED CHU TO SELECTED DATES:																						
	START	SILAGE	GRAIN	MAY	JUNE				JULY				AUG					SEPT				OCT				
YEAR	MM/DD	MM/DD	MM/DD	30	06	13	20	27	04	11	18	25	01	08	15	22	29	05	12	19	26	03	10	17	SILAGE	GRAIN
1961	5/ 8	9/29	10/12	305	462	645	776	909	1100	1262	1459	1672	1876	2068	2264	2432	2628	2844	3046	3188	3372	3461	3594	3644	3406	3644
1962	4/27	9/29	10/12	691	855	1025	1205	1384	1569	1759	1936	2122	2294	2480	2647	2823	3016	3198	3348	3505	3595	3687	3819	3872	3623	3872
1963	5/ 9	9/29	10/12	296	467	630	780	924	1116	1267	1463	1666	1875	2076	2239	2389	2552	2712	2869	2985	3084	3210	3329	3367	3135	3367
1964	5/ 5	9/29	10/11	508	609	773	945	1132	1332	1513	1699	1910	2110	2304	2434	2592	2769	2940	3099	3220	3381	3476	3514	3514	3414	3514
1965	5/ 8	9/29	10/ 5	465	601	770	906	1075	1254	1434	1614	1794	1959	2137	2326	2506	2651	2806	2973	3148	3301	3395	3395	3395	3340	3395
1966	5/18	9/29	10/12	235	371	525	690	899	1098	1296	1485	1675	1867	2043	2211	2394	2566	2764	2906	3036	3141	3213	3324	3345	3178	3345
1967	5/19	9/29	10/12	180	330	540	743	917	1091	1275	1433	1629	1807	1994	2143	2329	2490	2628	2764	2912	3027	3095	3187	3189	3035	3189
1968	5/16	9/29	10/12	200	353	547	687	857	1033	1212	1420	1616	1788	1988	2162	2374	2544	2710	2861	3041	3221	3357	3425	3449	3263	3449
1969	5/ 4	9/29	10/12	366	488	629	763	916	1103	1278	1481	1673	1870	2063	2254	2439	2626	2827	2975	3125	3248	3363	3486	3527	3284	3527
1970	4/27	9/29	10/12	605	758	947	1122	1264	1458	1630	1827	1992	2211	2382	2580	2774	2958	3130	3306	3449	3635	3707	3834	3852	3661	3852
1971	5/17	9/29	10/12	215	379	538	718	905	1102	1313	1489	1674	1840	2010	2204	2392	2563	2762	2961	3119	3221	3403	3500	3522	3304	3522
1972	5/ 2	9/29	10/12	501	641	779	943	1060	1228	1391	1603	1827	1992	2158	2321	2514	2712	2862	3021	3196	3340	3444	3531	3561	3389	3561
1973	5/ 2	9/29	10/12	368	537	733	914	1097	1283	1480	1656	1857	2062	2258	2460	2633	2831	3042	3190	3310	3451	3600	3729	3776	3517	3776
1974	4/29	9/23	9/23	417	584	761	916	1070	1270	1457	1650	1822	2008	2188	2382	2581	2774	2901	3075	3212	3256	3256	3256	3256	3256	3256
1975	5/10	9/29	10/12	481	631	777	976	1180	1378	1565	1749	1953	2138	2328	2528	2711	2910	3084	3208	3316	3409	3489	3594	3612	3451	3612
1976	5/11	9/29	10/12	298	443	632	817	1003	1178	1369	1549	1747	1943	2097	2280	2440	2634	2781	2934	3100	3186	3280	3349	3378	3219	3378
1977	5/14	9/29	10/12	399	521	620	802	979	1167	1374	1592	1797	1972	2172	2359	2505	2686	2874	3027	3189	3335	3436	3502	3505	3379	3505
1978	5/13	9/29	10/12	349	506	659	827	1009	1182	1364	1538	1751	1932	2106	2292	2480	2678	2846	3047	3225	3357	3460	3527	3562	3399	3562
1979	5/ 8	9/29	10/12	344	499	668	848	986	1143	1300	1494	1683	1885	2077	2240	2397	2578	2773	2909	3047	3160	3305	3346	3349	3222	3349
1980	5/ 4	9/29	10/12	439	590	701	833	1015	1193	1377	1572	1777	1979	2192	2386	2569	2766	2960	3119	3256	3398	3507	3556	3561	3436	3561
1981	5/23	9/29	10/12	185	337	511	700	864	1065	1273	1466	1649	1825	2023	2222	2375	2553	2740	2908	3031	3122	3192	3257	3273	3161	3273
1982	5/ 7	9/29	10/12	511	644	809	966	1119	1297	1492	1698	1881	2075	2275	2434	2603	2749	2915	3070	3221	3323	3449	3583	3608	3376	3608
1983	5/14	9/29	10/12	237	350	517	703	902	1107	1276	1490	1699	1906	2112	2278	2485	2688	2886	3077	3226	3329	3480	3585	3624	3389	3624
1984	4/28	9/29	10/12	386	542	750	928	1100	1285	1461	1646	1836	2006	2220	2421	2598	2770	2926	3084	3203	3359	3426	3539	3567	3379	3567
1985	5/ 6	9/29	10/12	467	620	757	892	1057	1232	1427	1618	1812	1997	2180	2369	2531	2716	2911	3087	3215	3360	3448	3545	3566	3406	3566
1986	4/27	9/29	10/12	587	726	903	1071	1244	1410	1604	1812	2017	2214	2400	2573	2767	2917	3074	3208	3326	3516	3691	3761	3792	3597	3792
1987	5/11	9/29	10/12	431	604	778	969	1169	1359	1569	1750	1976	2177	2379	2584	2787	2919	3064	3244	3410	3536	3646	3692	3693	3607	3693
1988	5/10	9/29	10/12	400	550	697	887	1066	1214	1417	1622	1812	2015	2240	2467	2644	2812	2966	3100	3260	3386	3517	3557	3557	3440	3557
1989	5/18	9/29	10/12	266	438	599	759	957	1128	1334	1502	1710	1902	2096	2284	2465	2647	2821	3016	3133	3227	3330	3378	3410	3264	3410
1990	4/27	9/29	10/12	519	659	828	1020	1191	1386	1572	1759	1943	2129	2301	2472	2660	2861	3052	3233	3350	3456	3579	3699	3707	3516	3707
MEAN:	5/ 8	9/28	10/11	388	536	701	870	1041	1225	1411	1602	1799	1988	2178	2360	2539	2718	2893	3055	3198	3324	3430	3513	3534	3368	3534
STD :				132	131	131	132	133	132	134	134	130	135	134	140	144	146	141	143	141	150	154	167	176	153	176

Appendix 1 (cont'd).

STATION: HUNTSVILLE WPCP AES #:6113663 AGCAN #: 6176

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	5/14	9/ 9	9/26	144	241	384	485	600	754	886	1065	1259	1431	1602	1761	1892	2066	2263	2433	2526	2682	2682	2682	2682	2356	2682
1962	5/16	9/ 9	9/26	284	403	537	678	823	967	1134	1284	1417	1556	1715	1857	1987	2168	2318	2436	2544	2580	2580	2580	2580	2376	2580
1963	5/29	9/ 9	9/26	30	185	300	405	537	710	830	990	1164	1347	1514	1635	1760	1884	1992	2116	2215	2276	2276	2276	2276	2065	2276
1964	5/18	9/ 9	9/26	165	235	362	498	653	824	984	1146	1341	1499	1643	1738	1846	1987	2122	2257	2334	2440	2440	2440	2440	2208	2440
1965	5/27	9/ 9	9/26	37	124	255	368	504	661	791	938	1067	1192	1348	1505	1652	1769	1863	1973	2084	2213	2213	2213	2213	1927	2213
1966	5/25	9/ 9	9/26	62	173	299	420	589	769	938	1111	1268	1431	1598	1739	1887	2035	2178	2295	2398	2444	2444	2444	2444	2248	2444
1967	6/ 3	9/ 2	9/23	0	88	260	425	573	720	880	1006	1189	1358	1515	1644	1787	1923	2014	2120	2244	2288	2288	2288	2288	1964	2288
1968	5/14	9/ 9	9/26	205	335	496	606	718	857	1007	1200	1368	1500	1670	1807	1949	2086	2222	2349	2493	2631	2631	2631	2631	2295	2631
1969	5/30	9/ 9	9/26	18	103	227	317	449	595	736	920	1087	1256	1430	1593	1752	1908	2080	2206	2321	2393	2393	2393	2393	2167	2393
1970	5/21	9/ 9	9/26	129	266	410	536	661	812	991	1152	1299	1505	1656	1847	2001	2144	2266	2403	2477	2616	2616	2616	2616	2348	2616
1971	5/18	9/ 9	9/26	170	270	401	574	716	880	1051	1200	1351	1495	1649	1809	1965	2076	2228	2402	2521	2609	2609	2609	2609	2334	2609
1972	5/18	9/ 9	9/26	255	358	437	582	698	849	988	1173	1366	1512	1633	1750	1908	2101	2234	2360	2479	2578	2578	2578	2578	2307	2578
1973	6/ 5	9/ 9	9/26	0	47	212	352	504	685	858	1013	1178	1364	1546	1730	1890	2061	2270	2374	2437	2507	2507	2507	2507	2329	2507
1974	5/23	9/ 9	9/26	85	215	359	484	627	798	957	1111	1259	1417	1579	1735	1908	2060	2156	2292	2369	2415	2415	2415	2415	2228	2415
1975	5/17	9/ 9	9/26	308	430	555	718	887	1066	1228	1402	1570	1736	1906	2078	2209	2359	2482	2566	2649	2722	2722	2722	2722	2525	2722
1976	5/16	9/ 9	9/26	161	293	455	609	792	954	1129	1271	1434	1588	1721	1877	2047	2208	2300	2410	2564	2596	2596	2596	2596	2378	2596
1977	5/18	9/ 9	9/26	277	377	477	629	777	929	1090	1290	1477	1626	1797	1948	2047	2193	2340	2449	2575	2635	2635	2635	2635	2405	2635
1978	5/15	9/ 9	9/26	304	420	541	669	809	954	1123	1276	1458	1600	1750	1926	2099	2242	2365	2469	2540	2622	2622	2622	2622	2429	2622
1979	5/11	9/ 9	9/26	249	377	517	666	778	920	1068	1248	1425	1606	1772	1875	2001	2153	2307	2403	2509	2588	2588	2588	2588	2362	2588
1980	5/22	9/ 9	9/26	163	274	325	414	564	691	838	1000	1171	1357	1547	1708	1873	2048	2224	2340	2413	2487	2487	2487	2487	2301	2487
1981	5/23	9/ 9	9/26	155	287	396	551	673	849	1039	1206	1358	1507	1676	1843	1985	2135	2311	2442	2520	2563	2563	2563	2563	2384	2563
1982	5/12	9/ 9	9/19	343	458	600	714	829	958	1133	1305	1474	1642	1786	1921	2053	2161	2265	2382	2470	2470	2470	2470	2470	2314	2470
1983	6/ 5	9/ 9	9/26	0	27	133	299	462	635	765	954	1118	1306	1491	1630	1804	1986	2162	2319	2412	2484	2484	2484	2484	2256	2484
1984	6/ 3	8/31	8/31	0	85	258	385	513	662	806	978	1141	1292	1475	1669	1816	1950	1989	1989	1989	1989	1989	1989	1989	1989	1989
1985	5/12	9/ 9	9/26	256	356	474	578	706	865	1020	1174	1328	1473	1640	1792	1925	2063	2198	2314	2416	2522	2522	2522	2522	2295	2522
1986	5/11	9/ 9	9/26	337	434	561	671	799	930	1099	1263	1443	1625	1773	1923	2081	2175	2306	2382	2445	2551	2551	2551	2551	2336	2551
1987	5/11	9/ 9	9/26	300	450	566	724	896	1049	1243	1412	1613	1771	1927	2086	2265	2381	2484	2650	2772	2854	2854	2854	2854	2579	2854
1988	5/20	9/ 9	9/26	199	323	430	589	734	854	1039	1223	1407	1595	1801	2001	2133	2271	2401	2509	2628	2728	2728	2728	2728	2461	2728
1989	5/18	9/ 9	9/26	226	343	483	619	805	953	1130	1273	1444	1626	1793	1960	2107	2239	2368	2531	2626	2700	2700	2700	2700	2471	2700
1990	5/26	9/ 9	9/26	71	179	316	488	622	765	908	1065	1234	1406	1563	1708	1861	2045	2183	2304	2378	2431	2431	2431	2431	2248	2431
MEAN:	5/20	9/ 8	9/24	164	271	400	535	676	830	989	1154	1323	1487	1650	1803	1949	2095	2229	2349	2444	2520	2520	2520	2520	2296	2520
STD :				113	127	124	126	129	126	139	141	145	142	140	142	145	143	148	154	169	176	176	176	176	155	176

Appendix 1 (cont'd).

STATION: KAPUSKASING CDA AES #:6073960 AGCAN #: 6401

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	6/18	8/20	9/ 7	0	0	0	35	97	215	324	491	662	799	931	1032	1148	1302	1466	1494	1494	1494	1494	1494	1494	1115	1494
1962	6/10	8/20	9/ 7	0	0	63	169	278	417	572	709	813	937	1042	1152	1239	1399	1487	1513	1513	1513	1513	1513	1513	1211	1513
1963	6/ 3	8/20	9/ 4	0	63	145	230	376	532	631	767	931	1077	1216	1293	1382	1481	1531	1531	1531	1531	1531	1531	1531	1353	1531
1964	6/28	8/20	9/ 7	0	0	0	0	0	123	265	426	578	689	792	857	941	1059	1167	1198	1198	1198	1198	1198	1198	921	1198
1965	6/ 9	7/17	8/30	0	0	41	152	268	381	481	569	685	780	894	1026	1131	1180	1188	1188	1188	1188	1188	1188	1188	558	1188
1966	5/24	8/20	9/ 7	46	122	227	317	493	643	791	930	1063	1187	1293	1395	1510	1611	1714	1743	1743	1743	1743	1743	1743	1486	1743
1967	6/ 3	8/20	9/ 7	0	65	148	270	392	491	636	747	909	1025	1154	1280	1367	1490	1595	1630	1630	1630	1630	1630	1630	1352	1630
1968	5/28	7/10	9/ 7	49	161	249	315	421	533	630	807	941	1041	1174	1264	1385	1492	1632	1653	1653	1653	1653	1653	1653	615	1653
1969	5/29	8/20	9/ 7	25	72	128	180	307	411	517	685	820	970	1124	1279	1407	1553	1684	1700	1700	1700	1700	1700	1700	1368	1700
1970	5/31	8/20	9/ 7	0	85	201	313	411	546	682	814	954	1139	1276	1463	1580	1676	1765	1805	1805	1805	1805	1805	1805	1554	1805
1971	6/12	8/20	8/24	0	0	37	193	291	420	564	686	807	909	1043	1157	1277	1287	1287	1287	1287	1287	1287	1287	1287	1259	1287
1972	5/24	8/20	9/ 7	104	197	276	363	460	578	706	857	991	1115	1202	1292	1416	1547	1665	1693	1693	1693	1693	1693	1693	1381	1693
1973	5/27	8/20	9/ 7	36	138	259	369	504	653	799	942	1092	1210	1362	1525	1664	1818	1996	2006	2006	2006	2006	2006	2006	1636	2006
1974	6/ 4	8/20	9/ 7	0	72	155	270	365	521	681	833	964	1100	1221	1349	1479	1581	1647	1680	1680	1680	1680	1680	1680	1450	1680
1975	5/24	8/20	9/ 7	128	187	291	417	590	773	897	1069	1205	1370	1525	1671	1769	1897	1978	1981	1981	1981	1981	1981	1981	1748	1981
1976	5/28	8/20	9/ 7	60	181	318	435	579	708	861	977	1116	1227	1349	1471	1640	1774	1833	1861	1861	1861	1861	1861	1861	1584	1861
1977	5/24	8/20	9/ 7	112	183	236	345	480	613	766	922	1076	1191	1315	1436	1524	1643	1739	1750	1750	1750	1750	1750	1750	1496	1750
1978	5/25	8/20	9/ 7	135	170	216	348	469	613	755	883	1037	1151	1279	1431	1574	1674	1764	1787	1787	1787	1787	1787	1787	1536	1787
1979	6/ 2	8/20	9/ 7	0	64	176	319	420	521	677	836	975	1119	1244	1330	1448	1583	1686	1689	1689	1689	1689	1689	1689	1413	1689
1980	5/24	8/20	9/ 7	78	159	215	275	418	528	667	816	963	1118	1276	1382	1542	1692	1836	1858	1858	1858	1858	1858	1858	1487	1858
1981	6/ 5	8/20	9/ 7	0	23	116	242	334	487	671	813	926	1073	1211	1337	1470	1592	1709	1748	1748	1748	1748	1748	1748	1428	1748
1982	5/26	8/20	9/ 7	105	174	285	352	440	539	696	839	976	1104	1221	1323	1441	1501	1571	1588	1588	1588	1588	1588	1588	1416	1588
1983	6/12	8/20	9/ 7	0	0	54	204	353	500	627	788	937	1117	1285	1418	1562	1709	1874	1910	1910	1910	1910	1910	1910	1533	1910
1984	6/ 4	8/20	9/ 7	0	59	160	270	390	537	652	784	935	1057	1227	1359	1482	1637	1701	1729	1729	1729	1729	1729	1729	1443	1729
1985	6/ 9	7/ 7	9/ 7	0	0	24	132	238	380	489	618	752	863	1030	1157	1265	1374	1477	1515	1515	1515	1515	1515	1515	432	1515
1986	5/24	8/20	9/ 7	135	190	290	359	476	577	708	858	1008	1156	1280	1413	1534	1614	1720	1723	1723	1723	1723	1723	1723	1510	1723
1987	5/27	8/20	9/ 7	104	229	317	454	614	736	912	1022	1185	1304	1434	1581	1705	1787	1864	1904	1904	1904	1904	1904	1904	1673	1904
1988	5/28	8/20	9/ 7	57	150	247	377	463	571	749	864	1017	1190	1348	1504	1614	1706	1801	1819	1819	1819	1819	1819	1819	1588	1819
1989	6/ 2	7/14	8/24	0	47	93	213	365	503	639	746	898	1049	1170	1303	1401	1411	1411	1411	1411	1411	1411	1411	1411	674	1411
1990	5/25	8/20	9/ 7	62	151	283	384	474	601	709	866	1011	1170	1306	1411	1511	1663	1794	1821	1821	1821	1821	1821	1821	1476	1821
MEAN:	6/ 1	8/14	9/ 5	41	98	175	276	392	521	658	798	940	1074	1207	1329	1446	1557	1652	1673	1673	1673	1673	1673	1673	1323	1673
STD :				49	75	100	111	132	137	145	145	147	154	159	173	183	192	209	212	212	212	212	212	212	343	212

Appendix 1 (cont'd).

STATION: KEMPTVILLE AES #:6104025 AGCAN #: 6246

	* CONTROL DATES *			ACCUMULATED CHU TO SELECTED DATES:																						
	START	SILAGE	GRAIN	MAY	JUNE				JULY				AUG					SEPT				OCT				
YEAR	MM/DD	MM/DD	MM/DD	30	06	13	20	27	04	11	18	25	01	08	15	22	29	05	12	19	26	03	10	17	SILAGE	GRAIN
1961	5/ 9	9/12	9/28	261	387	522	645	780	937	1076	1260	1458	1632	1797	1958	2091	2264	2460	2634	2735	2897	2928	2928	2928	2634	2928
1962	5/16	9/12	9/28	298	430	571	716	872	1015	1169	1321	1466	1627	1801	1947	2094	2267	2428	2560	2660	2705	2721	2721	2721	2560	2721
1963	5/16	9/12	9/28	194	367	484	624	773	960	1088	1269	1451	1637	1817	1945	2079	2211	2340	2464	2558	2612	2624	2624	2624	2464	2624
1964	5/ 6	9/12	9/28	405	470	621	763	933	1110	1273	1457	1646	1809	1954	2077	2200	2360	2508	2639	2707	2822	2845	2845	2845	2639	2845
1965	5/ 9	9/12	9/27	359	458	598	724	866	1033	1179	1341	1484	1624	1785	1949	2107	2227	2328	2462	2563	2721	2721	2721	2721	2462	2721
1966	5/21	9/12	9/28	172	292	414	565	749	935	1112	1292	1457	1620	1792	1958	2117	2268	2421	2547	2657	2712	2727	2727	2727	2547	2727
1967	6/ 3	9/12	9/28	0	100	272	435	603	780	955	1119	1315	1504	1685	1847	2019	2179	2306	2430	2565	2654	2687	2687	2687	2430	2687
1968	5/14	9/12	9/28	219	360	502	625	750	905	1063	1250	1429	1576	1752	1896	2024	2166	2312	2453	2589	2728	2753	2753	2753	2453	2753
1969	5/30	9/12	9/28	22	133	282	420	564	732	880	1077	1246	1439	1635	1809	1970	2133	2299	2437	2543	2627	2648	2648	2648	2437	2648
1970	5/20	9/12	9/28	167	315	470	622	760	919	1096	1266	1417	1627	1791	1983	2137	2281	2407	2539	2620	2781	2800	2800	2800	2539	2800
1971	5/11	9/12	9/28	299	413	550	711	869	1042	1220	1371	1530	1681	1849	2028	2187	2300	2456	2634	2771	2868	2893	2893	2893	2634	2893
1972	5/15	9/12	9/28	314	441	543	706	867	1015	1168	1369	1569	1730	1868	2003	2151	2344	2487	2621	2749	2854	2873	2873	2873	2621	2873
1973	5/11	9/12	9/21	230	370	557	662	843	1035	1223	1376	1536	1730	1924	2123	2290	2451	2666	2786	2860	2871	2871	2871	2871	2786	2871
1974	6/ 1	9/12	9/28	0	117	278	429	573	745	931	1099	1246	1417	1592	1743	1905	2066	2173	2310	2411	2448	2483	2483	2483	2310	2483
1975	5/15	9/12	9/28	359	499	613	789	955	1118	1305	1491	1681	1849	2025	2192	2329	2488	2609	2708	2797	2875	2906	2906	2906	2708	2906
1976	5/28	8/31	9/28	56	178	333	504	687	836	1010	1146	1300	1445	1573	1740	1885	2043	2135	2232	2392	2438	2448	2448	2448	2062	2448
1977	5/18	9/12	9/28	274	393	486	639	791	954	1101	1298	1489	1644	1834	1986	2106	2268	2426	2536	2657	2708	2737	2737	2737	2536	2737
1978	5/ 9	9/10	9/23	418	548	674	814	969	1114	1289	1453	1645	1797	1967	2144	2312	2437	2574	2660	2744	2798	2798	2798	2798	2633	2798
1979	5/10	9/12	9/24	312	454	590	746	874	1028	1180	1362	1546	1739	1917	2031	2162	2339	2502	2595	2706	2757	2757	2757	2757	2595	2757
1980	5/23	9/12	9/28	136	264	345	457	634	785	943	1119	1306	1492	1686	1854	2016	2190	2376	2489	2575	2658	2660	2660	2660	2489	2660
1981	5/23	9/12	9/28	170	306	435	610	752	930	1131	1307	1461	1609	1783	1944	2082	2223	2408	2528	2625	2676	2704	2704	2704	2528	2704
1982	5/ 8	9/12	9/28	373	493	635	779	903	1029	1201	1390	1562	1726	1872	2018	2153	2270	2390	2510	2617	2727	2755	2755	2755	2510	2755
1983	5/31	9/12	9/14	0	114	245	431	604	779	924	1118	1288	1478	1665	1796	1970	2129	2301	2482	2503	2503	2503	2503	2503	2482	2503
1984	5/23	9/12	9/22	104	227	418	558	689	858	1022	1207	1386	1549	1743	1945	2079	2240	2354	2462	2552	2597	2597	2597	2597	2462	2597
1985	5/12	9/12	9/28	278	397	504	623	751	909	1072	1241	1408	1568	1744	1918	2070	2213	2349	2474	2581	2708	2737	2737	2737	2474	2737
1986	5/15	9/ 8	9/28	296	393	537	673	805	944	1098	1246	1423	1595	1758	1917	2084	2192	2325	2438	2509	2594	2611	2611	2611	2357	2611
1987	5/22	9/12	9/28	166	321	442	602	774	938	1137	1312	1518	1668	1822	1973	2146	2258	2379	2537	2654	2726	2759	2759	2759	2537	2759
1988	5/21	9/12	9/28	189	320	432	601	737	851	1043	1222	1404	1601	1810	2019	2142	2270	2399	2504	2610	2719	2741	2741	2741	2504	2741
1989	5/16	9/12	9/28	282	430	576	705	913	1073	1257	1424	1606	1779	1949	2114	2270	2394	2530	2699	2799	2897	2908	2908	2908	2699	2908
1990	5/17	9/12	9/28	152	269	416	592	759	906	1061	1233	1414	1588	1768	1936	2084	2269	2421	2536	2630	2700	2739	2739	2739	2536	2739
MEAN:	5/17	9/11	9/26	216	341	478	625	779	940	1106	1281	1456	1626	1798	1959	2108	2258	2402	2530	2631	2712	2731	2731	2731	2520	2731
STD :				122	124	117	114	115	112	117	113	117	112	114	116	114	104	117	117	113	129	125	125	125	143	125

Appendix 1 (cont'd).

STATION: KINGSTON A AES #:6104146 AGCAN #: 6224

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	5/14	9/18	10/ 3	170	282	422	535	666	841	983	1174	1386	1579	1773	1949	2098	2289	2499	2697	2836	3022	3114	3114	3114	2813	3114
1962	5/16	9/18	10/ 3	297	446	606	762	928	1092	1267	1435	1600	1769	1950	2097	2257	2442	2612	2751	2885	2946	3021	3021	3021	2874	3021
1963	5/16	9/14	9/24	185	354	478	617	766	954	1095	1277	1470	1668	1854	2000	2146	2290	2420	2544	2633	2653	2653	2653	2653	2558	2653
1964	5/24	9/18	10/ 3	87	149	289	425	598	774	957	1142	1350	1540	1700	1833	1962	2134	2300	2440	2526	2664	2747	2747	2747	2512	2747
1965	5/10	9/18	10/ 3	303	398	531	656	803	976	1130	1300	1461	1612	1786	1973	2149	2295	2424	2565	2699	2857	2910	2910	2910	2676	2910
1966	5/24	9/18	10/ 3	104	212	326	462	647	843	1025	1223	1405	1588	1772	1948	2127	2292	2464	2595	2726	2791	2848	2848	2848	2710	2848
1967	6/ 2	9/18	10/ 3	0	109	271	438	603	772	948	1111	1315	1497	1682	1850	2030	2201	2338	2464	2606	2706	2799	2799	2799	2582	2799
1968	5/26	9/18	10/ 3	74	200	362	494	633	783	950	1155	1345	1506	1697	1869	2030	2186	2336	2490	2640	2804	2932	2932	2932	2618	2932
1969	5/30	9/18	10/ 3	22	114	243	367	509	671	819	1015	1199	1395	1592	1770	1946	2113	2297	2452	2582	2676	2772	2772	2772	2574	2772
1970	6/ 1	9/18	10/ 3	0	103	243	382	514	667	849	1016	1181	1391	1558	1756	1922	2085	2230	2375	2481	2650	2714	2714	2714	2464	2714
1971	5/20	9/18	10/ 3	125	220	350	500	654	825	1008	1174	1344	1503	1672	1847	2013	2147	2311	2493	2641	2739	2869	2869	2869	2625	2869
1972	5/20	9/18	10/ 3	184	303	394	542	679	837	983	1177	1384	1548	1694	1833	1985	2181	2328	2473	2607	2725	2806	2806	2806	2592	2806
1973	5/23	9/18	10/ 3	122	245	411	535	700	890	1075	1242	1415	1615	1822	2027	2197	2378	2603	2734	2815	2911	3023	3023	3023	2805	3023
1974	5/24	9/18	10/ 3	77	210	354	488	627	793	969	1138	1290	1471	1653	1823	2003	2168	2276	2426	2527	2592	2655	2655	2655	2515	2655
1975	5/15	9/18	10/ 3	323	453	571	743	920	1108	1299	1500	1696	1880	2071	2262	2417	2591	2723	2842	2942	3038	3131	3131	3131	2922	3131
1976	5/17	9/18	10/ 3	147	264	419	576	753	917	1090	1247	1413	1579	1731	1909	2075	2236	2339	2464	2629	2695	2771	2771	2771	2606	2771
1977	5/19	9/18	10/ 3	219	326	434	590	728	886	1048	1245	1434	1595	1786	1954	2084	2241	2407	2526	2656	2732	2802	2802	2802	2635	2802
1978	5/15	9/18	10/ 3	257	376	484	612	756	913	1092	1265	1453	1619	1794	1974	2146	2294	2439	2557	2653	2741	2807	2807	2807	2637	2807
1979	5/10	9/18	10/ 3	260	380	509	655	767	910	1060	1250	1440	1637	1815	1944	2083	2256	2423	2523	2642	2740	2861	2861	2861	2640	2861
1980	5/22	9/18	10/ 3	154	264	325	416	568	717	877	1055	1245	1440	1641	1817	1992	2166	2354	2483	2589	2697	2782	2782	2782	2569	2782
1981	5/24	9/18	10/ 3	135	262	382	539	671	855	1056	1232	1393	1550	1734	1904	2049	2204	2384	2523	2631	2696	2728	2728	2728	2619	2728
1982	5/14	9/18	10/ 3	258	373	515	642	762	903	1077	1259	1438	1608	1768	1927	2066	2199	2337	2451	2564	2678	2771	2771	2771	2557	2771
1983	6/ 4	9/18	10/ 3	0	42	163	343	512	683	835	1026	1202	1401	1602	1739	1908	2079	2261	2448	2575	2687	2813	2813	2813	2547	2813
1984	6/ 6	9/18	10/ 3	0	20	183	321	462	635	794	980	1159	1334	1539	1749	1891	2061	2191	2320	2424	2554	2602	2602	2602	2401	2602
1985	5/14	9/18	10/ 3	216	317	421	536	670	833	994	1157	1331	1491	1669	1844	2004	2158	2299	2434	2543	2676	2770	2770	2770	2521	2770
1986	5/13	9/18	10/ 3	284	384	523	648	780	927	1101	1265	1446	1632	1818	1979	2157	2278	2422	2543	2612	2715	2831	2831	2831	2593	2831
1987	5/11	9/18	10/ 3	304	446	577	737	915	1081	1286	1467	1680	1845	2017	2190	2384	2517	2633	2803	2923	3020	3109	3109	3109	2910	3109
1988	5/21	9/18	10/ 3	163	289	404	569	718	838	1038	1228	1420	1631	1853	2074	2222	2381	2531	2656	2788	2909	3015	3015	3015	2763	3015
1989	5/18	9/18	10/ 3	230	355	500	636	836	995	1179	1341	1539	1721	1902	2084	2253	2392	2540	2717	2831	2938	3006	3006	3006	2812	3006
1990	5/26	9/18	10/ 3	69	182	325	492	650	800	963	1147	1333	1520	1701	1887	2058	2252	2410	2542	2642	2730	2816	2816	2816	2632	2816
MEAN:	5/20	9/17	10/ 2	158	269	400	541	693	857	1028	1208	1392	1572	1754	1927	2088	2250	2404	2544	2661	2766	2849	2849	2849	2642	2849
STD :				102	119	116	119	121	122	129	127	131	127	131	127	132	127	130	131	135	130	141	141	141	137	141

Appendix 1 (cont'd).

STATION: LONDON A AES #:6144475 AGCAN #: 6029

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	5/14	9/18	10/ 3	201	349	525	642	765	936	1076	1262	1459	1649	1830	2005	2156	2338	2536	2722	2843	3014	3082	3082	3082	2825	3082
1962	5/15	9/18	10/ 3	348	474	625	781	944	1112	1271	1436	1595	1746	1919	2061	2210	2387	2554	2676	2794	2857	2928	2928	2928	2787	2928
1963	5/19	9/18	10/ 3	137	298	431	557	688	861	999	1180	1366	1551	1730	1873	2005	2144	2273	2400	2509	2581	2665	2665	2665	2485	2665
1964	5/ 6	9/18	10/ 3	409	495	641	781	959	1145	1312	1480	1684	1847	2009	2127	2258	2416	2568	2713	2806	2940	3020	3020	3020	2788	3020
1965	5/ 7	9/18	9/27	389	504	640	758	893	1052	1198	1350	1496	1640	1797	1965	2120	2252	2377	2517	2663	2795	2796	2796	2796	2637	2796
1966	5/20	9/18	10/ 3	158	276	402	540	726	904	1086	1258	1417	1587	1750	1896	2058	2211	2380	2498	2606	2671	2722	2722	2722	2589	2722
1967	5/26	9/18	10/ 3	72	217	412	586	736	890	1052	1172	1350	1509	1669	1803	1960	2101	2214	2327	2459	2545	2602	2602	2602	2439	2602
1968	6/ 4	9/18	10/ 3	0	60	225	330	463	608	769	966	1129	1276	1457	1597	1776	1921	2069	2198	2353	2509	2617	2617	2617	2330	2617
1969	5/ 8	9/18	10/ 3	240	340	461	572	717	870	1022	1207	1393	1572	1753	1917	2082	2242	2426	2558	2691	2793	2880	2880	2880	2678	2880
1970	5/10	9/18	10/ 3	318	455	616	763	882	1056	1224	1402	1554	1763	1913	2101	2260	2420	2558	2701	2802	2968	3018	3018	3018	2785	3018
1971	5/18	9/18	10/ 3	176	308	445	605	770	942	1128	1274	1441	1593	1741	1909	2066	2204	2380	2563	2686	2774	2914	2914	2914	2668	2914
1972	5/15	9/18	10/ 3	301	410	517	659	760	908	1048	1248	1449	1598	1737	1870	2036	2221	2355	2495	2638	2758	2835	2835	2835	2623	2835
1973	5/ 9	9/18	9/21	225	379	557	714	881	1047	1223	1380	1560	1745	1926	2107	2262	2437	2635	2758	2840	2854	2854	2854	2829	2854
1974	5/23	9/18	10/ 3	98	238	397	531	661	843	1006	1165	1313	1480	1642	1809	1981	2136	2239	2392	2495	2554	2615	2615	2615	2480	2615
1975	5/11	9/18	10/ 3	412	544	664	839	1020	1198	1364	1531	1706	1872	2045	2221	2370	2544	2674	2773	2864	2941	3010	3010	3010	2841	3010
1976	5/16	9/18	10/ 3	182	309	482	640	821	987	1161	1307	1478	1651	1786	1959	2112	2281	2386	2513	2667	2721	2800	2800	2800	2648	2800
1977	5/18	9/18	10/ 3	284	391	478	651	805	973	1149	1347	1524	1677	1866	2023	2143	2291	2458	2586	2723	2843	2908	2908	2908	2703	2908
1978	5/18	9/18	10/ 3	261	380	492	625	780	937	1094	1243	1434	1593	1755	1926	2092	2263	2400	2562	2676	2782	2861	2861	2861	2661	2861
1979	5/ 9	9/18	10/ 3	270	404	539	690	803	940	1084	1268	1443	1619	1797	1923	2069	2241	2411	2524	2643	2731	2859	2859	2859	2636	2859
1980	5/19	9/18	10/ 3	230	344	423	533	702	848	1003	1176	1364	1549	1741	1910	2089	2273	2454	2590	2704	2812	2892	2892	2892	2685	2892
1981	5/23	9/18	10/ 3	172	303	449	607	742	929	1117	1293	1454	1607	1788	1967	2107	2265	2457	2606	2706	2771	2808	2808	2808	2692	2808
1982	5/ 7	9/18	10/ 3	451	567	711	838	972	1122	1305	1496	1672	1847	2037	2177	2316	2432	2570	2696	2816	2907	3017	3017	3017	2806	3017
1983	5/22	9/18	10/ 3	96	183	313	488	670	854	999	1203	1385	1576	1776	1921	2099	2282	2458	2618	2736	2819	2958	2958	2958	2707	2958
1984	5/20	9/18	10/ 3	136	281	472	622	775	948	1100	1275	1451	1609	1815	2010	2165	2315	2453	2589	2688	2815	2848	2848	2848	2666	2848
1985	5/12	9/18	10/ 3	313	443	563	691	837	1008	1182	1349	1515	1673	1845	2013	2163	2335	2503	2655	2764	2896	2977	2977	2977	2739	2977
1986	5/ 7	9/18	10/ 3	408	530	685	823	973	1118	1300	1479	1664	1857	2032	2192	2376	2487	2630	2742	2815	2968	3111	3111	3111	2795	3111
1987	5/11	9/18	10/ 3	378	538	682	858	1038	1207	1416	1588	1800	1978	2156	2339	2521	2641	2762	2932	3063	3170	3250	3250	3250	3043	3250
1988	5/ 7	9/18	10/ 3	393	528	647	814	966	1096	1289	1477	1662	1854	2057	2271	2429	2579	2721	2835	2973	3085	3194	3194	3194	2946	3194
1989	5/18	9/18	10/ 3	240	398	539	682	874	1032	1218	1374	1571	1749	1920	2089	2248	2403	2553	2734	2844	2927	3001	3001	3001	2824	3001
1990	5/ 9	9/18	10/ 3	266	376	528	691	839	1010	1177	1352	1518	1690	1850	2009	2183	2370	2527	2676	2761	2844	2943	2943	2943	2751	2943
MEAN:	5/15	9/18	10/ 2	252	377	518	663	815	979	1145	1317	1494	1665	1837	1999	2157	2314	2466	2604	2720	2821	2899	2899	2899	2702	2899
STD :				116	120	117	123	127	127	138	138	143	144	151	157	152	152	151	162	155	158	164	164	164	154	164

Appendix 1 (cont'd).

STATION: MIDHURST AES #:6115099 AGCAN #: 6190

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	5/14	9/13	9/29	168	293	443	562	677	835	960	1141	1331	1510	1685	1848	1988	2157	2350	2529	2639	2787	2812	2812	2812	2551	2812
1962	5/16	9/13	9/29	301	422	550	693	838	980	1140	1291	1439	1583	1749	1899	2035	2212	2365	2490	2606	2648	2654	2654	2654	2512	2654
1963	6/ 2	9/13	9/13	0	109	224	332	455	631	750	907	1081	1265	1438	1563	1691	1827	1944	2073	2078	2078	2078	2078	2078	2078	2078
1964	5/19	9/12	9/15	160	235	370	496	657	827	977	1148	1341	1509	1653	1759	1860	1995	2129	2262	2292	2292	2292	2292	2292	2262	2292
1965	5/10	9/13	9/27	275	360	476	580	709	849	977	1125	1256	1381	1533	1698	1840	1950	2056	2166	2290	2416	2416	2416	2416	2181	2416
1966	5/24	9/13	9/29	93	206	320	442	621	791	961	1133	1290	1459	1622	1774	1930	2082	2240	2349	2463	2517	2544	2544	2544	2369	2544
1967	6/ 3	9/11	9/29	0	88	267	433	579	723	878	1007	1190	1349	1511	1639	1796	1938	2042	2165	2293	2392	2401	2401	2401	2151	2401
1968	6/ 6	9/13	9/29	0	25	190	292	413	554	708	899	1070	1209	1377	1523	1691	1828	1966	2102	2251	2401	2425	2425	2425	2115	2425
1969	5/30	9/13	9/29	16	120	242	333	468	619	759	947	1119	1291	1464	1629	1785	1943	2121	2250	2379	2474	2499	2499	2499	2272	2499
1970	5/21	9/13	9/29	128	260	416	555	680	842	1013	1175	1320	1526	1674	1858	2015	2170	2297	2455	2543	2702	2711	2711	2711	2463	2711
1971	5/20	8/24	9/29	117	221	356	524	677	844	1018	1161	1318	1472	1617	1785	1944	2070	2228	2412	2550	2641	2704	2704	2704	1963	2704
1972	5/15	9/13	9/29	281	368	463	604	709	855	993	1172	1372	1518	1646	1774	1932	2118	2252	2387	2521	2634	2673	2673	2673	2407	2673
1973	5/27	9/13	9/17	59	209	380	528	685	865	1029	1176	1354	1545	1745	1929	2084	2263	2468	2583	2637	2637	2637	2637	2637	2595	2637
1974	5/23	9/13	9/29	98	234	391	513	642	817	980	1127	1278	1430	1587	1744	1921	2069	2158	2307	2408	2455	2512	2512	2512	2333	2512
1975	5/19	9/10	9/29	279	397	521	692	864	1043	1214	1382	1558	1706	1875	2036	2167	2318	2442	2531	2624	2711	2744	2744	2744	2498	2744
1976	5/29	9/13	9/29	44	169	326	481	657	798	964	1109	1265	1425	1560	1726	1886	2037	2123	2241	2383	2423	2448	2448	2448	2263	2448
1977	5/18	9/13	9/29	265	361	442	593	736	889	1045	1234	1412	1553	1724	1865	1982	2129	2282	2385	2511	2592	2627	2627	2627	2402	2627
1978	5/20	9/13	9/29	214	324	433	565	710	857	1027	1172	1355	1506	1662	1827	1982	2140	2268	2398	2489	2578	2610	2610	2610	2407	2610
1979	5/10	9/13	9/23	255	387	529	693	819	948	1098	1275	1448	1626	1800	1940	2070	2251	2416	2519	2642	2685	2685	2685	2685	2541	2685
1980	5/23	9/13	9/29	126	234	298	391	552	678	831	1002	1187	1367	1553	1717	1885	2066	2242	2373	2468	2566	2588	2588	2588	2384	2588
1981	5/23	9/13	9/29	152	276	391	551	679	860	1045	1214	1366	1511	1684	1860	1995	2164	2341	2483	2569	2620	2645	2645	2645	2504	2645
1982	5/13	8/29	9/29	315	416	546	649	774	914	1097	1281	1447	1614	1778	1915	2054	2174	2287	2396	2498	2597	2642	2642	2642	2174	2642
1983	5/23	9/13	9/29	77	168	283	451	616	796	932	1124	1289	1480	1677	1824	1998	2183	2348	2501	2606	2694	2745	2745	2745	2516	2745
1984	5/23	9/13	9/29	72	209	396	519	639	784	934	1093	1253	1408	1591	1784	1940	2100	2198	2315	2414	2516	2527	2527	2527	2338	2527
1985	5/12	9/13	9/29	250	362	459	562	679	830	987	1146	1308	1453	1608	1769	1912	2054	2201	2343	2457	2578	2615	2615	2615	2351	2615
1986	5/14	8/28	9/ 8	295	398	534	658	791	924	1095	1261	1434	1605	1757	1893	2042	2138	2271	2304	2304	2304	2304	2304	2304	2128	2304
1987	5/11	9/13	9/29	309	458	582	739	912	1069	1257	1422	1623	1782	1948	2118	2286	2406	2517	2670	2783	2877	2933	2933	2933	2693	2933
1988	5/10	9/13	9/29	304	426	523	672	805	916	1100	1279	1459	1649	1849	2051	2189	2320	2459	2574	2691	2787	2823	2823	2823	2588	2823
1989	5/19	9/13	9/27	215	354	498	633	818	969	1153	1290	1481	1659	1830	1997	2152	2289	2432	2602	2707	2793	2795	2795	2795	2614	2795
1990	5/10	9/13	9/29	241	360	494	656	809	964	1115	1285	1451	1621	1785	1943	2110	2299	2450	2595	2682	2761	2818	2818	2818	2616	2818
MEAN:	5/20	9/11	9/26	170	281	411	546	689	842	1001	1165	1336	1500	1666	1822	1972	2123	2263	2392	2492	2571	2596	2596	2596	2375	2596
STD :				107	115	107	116	119	119	129	131	132	133	133	145	139	141	151	154	165	181	190	190	190	190	190

Appendix 1 (cont'd).

STATION: MORRISBURG AES #:6105460 AGCAN #: 6248

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	5/ 9	9/14	9/29	276	400	529	656	789	948	1092	1280	1476	1654	1824	1986	2119	2294	2499	2685	2785	2954	2993	2993	2993	2723	2993
1962	5/16	9/14	9/29	301	444	580	735	891	1032	1185	1358	1506	1671	1843	1987	2137	2310	2469	2604	2713	2758	2783	2783	2783	2654	2783
1963	5/16	9/14	9/24	209	380	493	634	785	970	1097	1272	1456	1643	1822	1942	2089	2215	2344	2465	2563	2588	2588	2588	2588	2484	2588
1964	5/ 5	9/13	9/29	424	493	641	779	950	1124	1292	1478	1673	1838	1979	2102	2227	2385	2534	2671	2738	2861	2895	2895	2895	2683	2895
1965	5/ 9	9/14	9/28	358	452	594	724	874	1043	1193	1357	1503	1645	1808	1980	2143	2272	2383	2518	2629	2795	2795	2795	2795	2549	2795
1966	5/21	9/14	9/27	168	290	407	553	732	914	1087	1263	1414	1568	1736	1897	2041	2185	2338	2458	2567	2615	2622	2622	2622	2499	2622
1967	6/ 3	9/11	9/29	0	90	251	410	571	738	904	1066	1259	1439	1609	1766	1930	2083	2210	2323	2454	2536	2582	2582	2582	2310	2582
1968	5/14	9/14	9/29	215	354	500	620	747	897	1050	1245	1426	1570	1740	1881	2007	2149	2287	2433	2557	2699	2736	2736	2736	2459	2736
1969	5/30	9/14	9/29	22	134	276	411	544	707	845	1034	1194	1378	1568	1739	1899	2060	2227	2354	2455	2544	2580	2580	2580	2390	2580
1970	5/21	9/14	9/29	140	279	424	563	704	861	1035	1198	1346	1552	1717	1905	2060	2202	2325	2458	2540	2696	2721	2721	2721	2480	2721
1971	5/12	9/14	9/29	283	394	533	690	837	1004	1181	1332	1494	1650	1820	2000	2160	2280	2434	2613	2748	2849	2904	2904	2904	2659	2904
1972	5/15	9/14	9/29	306	428	525	688	851	997	1141	1338	1533	1692	1830	1959	2101	2287	2430	2563	2695	2800	2839	2839	2839	2600	2839
1973	5/11	9/14	9/17	236	373	559	684	862	1054	1240	1383	1535	1734	1921	2121	2289	2443	2660	2783	2842	2842	2842	2842	2842	2808	2842
1974	5/30	9/ 4	9/29	16	165	328	486	632	806	995	1164	1314	1484	1659	1813	1985	2151	2261	2389	2513	2577	2638	2638	2638	2248	2638
1975	5/13	9/10	9/29	389	529	658	832	1009	1199	1390	1560	1758	1950	2153	2336	2491	2663	2802	2922	3037	3142	3193	3193	3193	2890	3193
1976	5/17	9/14	9/29	163	291	452	639	827	991	1178	1330	1496	1658	1798	1977	2135	2298	2393	2489	2659	2706	2731	2731	2731	2536	2731
1977	5/19	9/14	9/29	238	355	451	599	756	926	1070	1258	1448	1606	1799	1954	2070	2230	2391	2499	2619	2678	2715	2715	2715	2530	2715
1978	5/14	9/10	9/23	353	478	613	754	914	1059	1237	1407	1603	1762	1938	2118	2286	2426	2569	2662	2754	2810	2810	2810	2810	2633	2810
1979	5/10	9/ 9	9/24	327	460	590	740	857	1008	1159	1343	1523	1711	1884	1997	2133	2304	2462	2557	2673	2726	2726	2726	2726	2520	2726
1980	5/23	9/14	9/24	133	265	339	453	628	776	931	1101	1282	1477	1670	1829	1987	2150	2328	2443	2527	2604	2604	2604	2604	2463	2604
1981	5/11	9/14	9/29	295	431	558	728	861	1038	1229	1397	1550	1687	1853	2017	2152	2289	2465	2576	2671	2713	2742	2742	2742	2618	2742
1982	5/ 8	9/14	9/29	379	501	639	783	907	1031	1200	1386	1550	1711	1856	2007	2147	2265	2393	2508	2622	2731	2772	2772	2772	2557	2772
1983	5/22	9/14	9/29	123	243	367	550	708	881	1033	1218	1385	1570	1769	1897	2061	2220	2398	2586	2698	2803	2847	2847	2847	2610	2847
1984	5/23	9/14	9/27	114	238	431	579	712	883	1054	1245	1427	1593	1794	1999	2138	2303	2423	2541	2640	2762	2767	2767	2767	2577	2767
1985	5/12	9/14	9/29	306	427	547	674	804	964	1141	1309	1480	1636	1809	1977	2132	2277	2410	2543	2656	2800	2849	2849	2849	2565	2849
1986	5/15	9/14	9/29	299	387	533	666	797	937	1100	1254	1431	1605	1775	1938	2109	2214	2353	2463	2532	2624	2664	2664	2664	2484	2664
1987	5/22	9/14	9/27	161	323	448	601	775	942	1139	1320	1521	1663	1823	1984	2169	2282	2395	2560	2679	2760	2770	2770	2770	2603	2770
1988	5/ 6	9/14	9/29	426	548	659	824	963	1077	1264	1438	1616	1806	2016	2220	2352	2494	2630	2736	2840	2950	2978	2978	2978	2768	2978
1989	5/14	9/14	9/27	317	466	605	741	930	1090	1268	1416	1591	1754	1929	2097	2251	2371	2505	2673	2771	2871	2873	2873	2873	2700	2873
1990	5/27	9/ 9	9/29	46	165	299	481	638	775	921	1079	1255	1423	1593	1753	1895	2079	2225	2333	2418	2501	2556	2556	2556	2285	2556
MEAN:	5/16	9/12	9/27	234	359	494	642	795	955	1121	1294	1468	1637	1811	1972	2123	2272	2418	2546	2653	2743	2770	2770	2770	2562	2770
STD :				122	121	118	118	118	120	128	124	127	129	126	135	130	133	132	143	134	141	146	146	146	153	146

Appendix 1 (cont'd).

STATION: MOUNT FOREST AES #:6145503 AGCAN #: 6116

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1962	5/15	9/ 8	9/26	309	408	542	681	816	960	1115	1256	1383	1513	1672	1799	1925	2094	2238	2356	2449	2487	2487	2487	2487	2276	2487
1963	6/ 2	9/ 8	9/23	0	120	223	317	436	604	715	869	1038	1201	1362	1472	1586	1709	1817	1932	2027	2047	2047	2047	2047	1869	2047
1964	5/24	9/ 8	9/26	59	123	253	366	516	679	822	983	1168	1312	1447	1536	1639	1781	1902	2023	2102	2209	2209	2209	2209	1962	2209
1965	5/26	8/30	9/26	50	146	262	364	484	619	734	872	996	1119	1267	1410	1545	1653	1762	1875	2009	2124	2124	2124	2124	1661	2124
1966	5/25	9/ 8	9/26	60	170	269	384	562	726	888	1046	1199	1345	1503	1635	1778	1921	2067	2173	2271	2308	2308	2308	2308	2105	2308
1967	6/ 3	9/ 8	9/26	0	95	274	434	562	695	849	957	1122	1267	1416	1533	1674	1806	1898	2006	2132	2206	2206	2206	2206	1960	2206
1968	6/ 6	9/ 8	9/26	0	25	180	263	372	494	634	826	969	1091	1257	1377	1536	1663	1804	1918	2073	2212	2212	2212	2212	1850	2212
1969	5/30	9/ 8	9/26	16	92	201	274	401	530	660	836	1004	1153	1318	1472	1620	1772	1943	2058	2177	2261	2261	2261	2261	2009	2261
1970	5/21	9/ 8	9/26	125	248	398	519	625	781	936	1093	1235	1437	1572	1752	1890	2026	2145	2282	2362	2514	2514	2514	2514	2210	2514
1971	6/ 5	9/ 8	9/26	0	37	164	330	472	635	799	926	1067	1201	1331	1482	1629	1747	1907	2077	2190	2265	2265	2265	2265	1989	2265
1972	5/15	9/ 8	9/26	302	392	473	598	688	815	938	1111	1296	1427	1544	1668	1819	1991	2114	2240	2360	2464	2464	2464	2464	2174	2464
1973	6/ 2	9/ 8	9/21	0	103	259	395	544	704	863	1003	1175	1352	1528	1701	1839	2013	2218	2317	2384	2391	2391	2391	2391	2265	2391
1974	5/23	9/ 8	9/26	65	193	335	449	563	729	879	1017	1150	1295	1449	1604	1775	1912	1997	2146	2227	2269	2269	2269	2269	2048	2269
1975	5/19	9/ 8	9/26	277	378	491	650	814	983	1135	1302	1456	1617	1774	1934	2055	2205	2316	2389	2469	2528	2528	2528	2528	2350	2528
1976	5/30	9/ 8	9/26	18	136	292	433	597	734	891	1014	1163	1308	1430	1585	1734	1882	1970	2084	2230	2258	2258	2258	2258	2023	2258
1977	5/18	9/ 8	9/26	262	346	420	570	705	847	1007	1189	1355	1491	1656	1790	1885	2021	2163	2271	2380	2471	2471	2471	2471	2210	2471
1978	5/20	9/ 8	9/26	215	302	403	514	649	790	940	1075	1257	1399	1544	1705	1848	1995	2116	2259	2334	2417	2417	2417	2417	2178	2417
1979	5/20	9/ 8	9/26	86	209	333	485	584	709	848	1019	1187	1346	1505	1600	1728	1890	2040	2133	2232	2308	2308	2308	2308	2079	2308
1980	5/21	9/ 8	9/26	171	260	317	405	561	685	815	964	1142	1308	1485	1633	1788	1955	2121	2229	2318	2407	2407	2407	2407	2176	2407
1981	5/23	9/ 8	9/26	152	264	373	516	629	801	976	1134	1276	1408	1578	1749	1873	2015	2190	2320	2404	2446	2446	2446	2446	2251	2446
1982	5/14	9/ 8	9/26	299	395	516	611	716	841	1015	1190	1345	1494	1662	1780	1899	1999	2118	2238	2334	2412	2412	2412	2412	2147	2412
1983	5/14	9/ 8	9/26	124	199	312	474	632	805	920	1107	1265	1446	1627	1749	1913	2089	2254	2398	2488	2550	2550	2550	2550	2313	2550
1984	6/ 4	9/ 8	9/26	0	70	241	355	480	616	742	900	1057	1198	1387	1561	1690	1823	1914	2033	2109	2214	2214	2214	2214	1962	2214
1985	5/14	9/ 8	9/26	199	286	369	468	582	737	880	1029	1177	1311	1469	1617	1741	1885	2029	2161	2265	2378	2378	2378	2378	2117	2378
1986	5/15	9/ 8	9/26	249	342	462	567	693	813	975	1136	1313	1486	1643	1783	1938	2027	2158	2249	2298	2412	2412	2412	2412	2180	2412
MEAN:	5/23	9/ 7	9/25	121	213	334	456	587	733	879	1034	1191	1341	1497	1637	1773	1914	2048	2166	2264	2342	2342	2342	2342	2094	2342
STD :				113	119	107	116	115	117	125	127	131	133	134	138	141	149	151	154	144	136	136	136	136	166	136

Appendix 1 (cont'd).

STATION: NORTH BAY A AES #:6085700 AGCAN #: 6300

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	5/14	8/31	9/17	136	223	337	443	560	712	849	1037	1230	1403	1572	1719	1845	2017	2214	2388	2440	2440	2440	2440	2440	2070	2440
1962	5/15	8/31	9/17	308	435	574	708	856	1006	1179	1344	1488	1638	1798	1942	2073	2248	2400	2532	2627	2627	2627	2627	2627	2301	2627
1963	5/28	8/31	9/17	47	212	326	451	597	785	919	1090	1279	1475	1646	1775	1905	2038	2142	2254	2318	2318	2318	2318	2318	2063	2318
1964	5/24	8/31	9/17	79	157	286	422	571	748	909	1085	1281	1439	1583	1689	1798	1951	2096	2219	2272	2272	2272	2272	2272	1999	2272
1965	5/17	8/31	9/17	212	316	452	582	725	877	1008	1151	1278	1408	1549	1708	1852	1961	2065	2157	2220	2220	2220	2220	2220	1972	2220
1966	5/24	8/31	9/17	85	195	327	466	634	811	979	1142	1299	1460	1624	1778	1930	2079	2226	2349	2411	2411	2411	2411	2411	2120	2411
1967	6/ 2	8/31	9/17	0	114	266	428	586	739	911	1051	1239	1411	1565	1706	1840	1986	2103	2218	2315	2315	2315	2315	2315	2006	2315
1968	5/14	8/31	9/17	244	389	536	647	772	924	1072	1274	1445	1583	1754	1894	2033	2169	2313	2444	2544	2544	2544	2544	2544	2206	2544
1969	5/30	8/31	9/17	15	104	231	331	458	608	744	943	1112	1295	1472	1634	1793	1949	2115	2227	2320	2320	2320	2320	2320	2008	2320
1970	5/31	8/31	9/17	0	106	255	392	510	654	831	994	1133	1344	1507	1707	1854	1993	2105	2237	2270	2270	2270	2270	2270	2023	2270
1971	5/17	8/31	9/17	181	279	411	592	741	910	1075	1220	1371	1518	1675	1819	1980	2092	2245	2406	2503	2503	2503	2503	2503	2124	2503
1972	5/15	8/31	9/17	300	412	493	629	754	903	1043	1232	1415	1558	1673	1795	1937	2113	2237	2365	2443	2443	2443	2443	2443	2156	2443
1973	5/23	8/31	9/17	130	244	413	550	713	900	1077	1231	1399	1577	1759	1942	2101	2248	2458	2551	2593	2593	2593	2593	2593	2307	2593
1974	5/23	8/31	9/17	92	219	366	496	645	823	993	1147	1298	1457	1614	1766	1933	2088	2178	2317	2367	2367	2367	2367	2367	2122	2367
1975	5/18	8/31	9/17	305	433	574	739	913	1101	1272	1462	1631	1807	1980	2159	2297	2452	2572	2634	2694	2694	2694	2694	2694	2493	2694
1976	5/28	8/31	9/17	61	200	372	534	713	874	1048	1192	1344	1507	1643	1807	1971	2119	2199	2313	2411	2411	2411	2411	2411	2136	2411
1977	5/18	8/31	9/17	290	387	467	624	776	935	1089	1282	1452	1593	1754	1900	2015	2157	2300	2403	2478	2478	2478	2478	2478	2198	2478
1978	5/14	8/31	9/17	357	469	580	720	870	1025	1197	1348	1531	1680	1841	2015	2183	2313	2441	2540	2593	2593	2593	2593	2593	2348	2593
1979	5/20	8/31	9/17	134	270	415	570	690	834	998	1182	1377	1548	1716	1826	1957	2118	2266	2346	2429	2429	2429	2429	2429	2161	2429
1980	5/22	8/31	9/17	157	288	347	427	585	726	876	1046	1224	1398	1581	1730	1899	2065	2243	2357	2399	2399	2399	2399	2399	2118	2399
1981	5/23	8/31	9/17	163	301	422	585	714	893	1093	1270	1430	1580	1756	1920	2060	2216	2389	2512	2580	2580	2580	2580	2580	2268	2580
1982	5/16	8/31	9/17	243	347	478	564	667	778	951	1121	1284	1436	1569	1693	1811	1905	1982	2101	2157	2157	2157	2157	2157	1928	2157
1983	5/14	8/31	9/17	121	206	308	483	637	809	932	1117	1275	1462	1644	1781	1944	2118	2301	2438	2474	2474	2474	2474	2474	2166	2474
1984	6/ 3	8/31	9/17	0	86	240	345	468	613	754	912	1069	1222	1406	1578	1700	1840	1921	2022	2060	2060	2060	2060	2060	1875	2060
1985	5/14	8/31	9/17	179	266	355	451	567	730	859	1011	1155	1285	1453	1601	1722	1853	1973	2065	2124	2124	2124	2124	2124	1884	2124
1986	5/14	8/31	9/17	270	326	441	541	660	779	925	1078	1240	1408	1560	1701	1848	1931	2055	2118	2135	2135	2135	2135	2135	1967	2135
1987	5/29	8/31	9/17	53	186	282	434	611	755	951	1104	1294	1436	1578	1738	1890	1993	2081	2237	2319	2319	2319	2319	2319	2026	2319
1988	5/20	8/31	9/17	173	280	380	531	650	758	954	1112	1293	1473	1670	1855	1963	2080	2194	2291	2343	2343	2343	2343	2343	2110	2343
1989	5/17	8/31	9/17	249	356	476	592	779	921	1083	1227	1410	1580	1724	1894	2028	2148	2264	2404	2458	2458	2458	2458	2458	2182	2458
1990	5/26	8/31	9/17	73	173	308	474	590	719	846	1004	1172	1342	1490	1630	1775	1956	2091	2201	2238	2238	2238	2238	2238	2002	2238
MEAN:	5/21	8/31	9/17	155	265	390	525	667	821	980	1146	1314	1477	1638	1790	1931	2073	2205	2321	2384	2384	2384	2384	2384	2111	2384
STD :				104	107	102	105	112	120	127	131	132	126	128	129	133	138	156	156	162	162	162	162	162	143	162

Appendix 1 (cont'd).

STATION: OTTAWA CDA AES #:6105976 AGCAN #: 6261

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	JULY 27	04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	5/14	9/14	9/29	185	307	443	569	703	861	1001	1192	1395	1577	1753	1916	2057	2237	2440	2619	2711	2874	2904	2904	2904	2650	2904
1962	5/16	9/14	9/29	306	454	607	760	919	1071	1235	1395	1545	1704	1879	2028	2170	2340	2506	2634	2749	2783	2808	2808	2808	2686	2808
1963	5/17	9/14	9/29	184	348	478	627	788	978	1108	1291	1483	1672	1857	1984	2119	2247	2372	2498	2593	2646	2654	2654	2654	2512	2654
1964	5/ 5	9/14	9/29	425	494	651	795	974	1146	1319	1508	1701	1875	2026	2155	2279	2436	2585	2721	2789	2903	2936	2936	2936	2746	2936
1965	5/ 9	9/14	9/29	362	467	613	752	905	1078	1231	1397	1554	1700	1868	2043	2211	2339	2451	2584	2697	2852	2856	2856	2856	2618	2856
1966	5/21	9/14	9/29	168	291	415	563	749	943	1127	1312	1478	1638	1817	1979	2140	2286	2444	2576	2688	2741	2765	2765	2765	2617	2765
1967	6/ 2	9/14	9/29	0	117	282	446	617	789	962	1128	1323	1509	1688	1847	2012	2174	2300	2428	2572	2655	2700	2700	2700	2459	2700
1968	5/14	9/14	9/29	233	379	529	662	799	959	1122	1323	1511	1663	1842	1996	2135	2285	2439	2590	2736	2888	2923	2923	2923	2619	2923
1969	5/30	9/14	9/29	22	134	280	419	560	726	872	1072	1245	1428	1625	1800	1970	2137	2307	2430	2539	2624	2655	2655	2655	2469	2655
1970	5/21	9/14	9/29	138	283	444	595	736	895	1079	1251	1409	1627	1801	2000	2158	2315	2441	2576	2663	2815	2839	2839	2839	2600	2839
1971	5/11	9/14	9/29	302	422	561	728	888	1062	1247	1403	1566	1723	1897	2076	2243	2356	2516	2691	2825	2927	2981	2981	2981	2734	2981
1972	5/14	9/14	9/29	341	469	570	736	897	1052	1205	1407	1609	1773	1910	2045	2201	2394	2546	2683	2814	2918	2951	2951	2951	2719	2951
1973	5/11	9/14	9/29	233	372	559	677	860	1056	1248	1414	1593	1791	1992	2192	2372	2541	2755	2875	2954	3017	3074	3074	3074	2903	3074
1974	6/ 1	9/14	9/29	0	122	284	432	578	755	944	1119	1276	1446	1620	1783	1957	2121	2231	2368	2472	2520	2580	2580	2580	2409	2580
1975	5/ 9	9/14	9/29	484	635	768	953	1129	1312	1505	1693	1887	2069	2265	2445	2599	2758	2893	2998	3099	3187	3239	3239	3239	3011	3239
1976	5/17	9/14	9/29	174	318	485	666	861	1032	1216	1371	1538	1698	1841	2019	2189	2363	2464	2577	2745	2780	2806	2806	2806	2623	2806
1977	5/18	9/14	9/29	293	424	529	688	848	1024	1191	1391	1583	1744	1931	2090	2214	2373	2538	2657	2776	2832	2867	2867	2867	2690	2867
1978	5/ 9	9/14	9/29	437	571	708	851	1020	1183	1367	1545	1746	1912	2096	2286	2466	2606	2753	2851	2939	3024	3058	3058	3058	2875	3058
1979	5/10	9/14	9/29	328	471	614	777	909	1072	1244	1440	1630	1825	2003	2125	2263	2447	2613	2710	2822	2903	2955	2955	2955	2748	2955
1980	5/22	9/14	9/29	173	309	382	492	668	829	996	1179	1367	1558	1756	1926	2099	2274	2457	2577	2672	2753	2764	2764	2764	2602	2764
1981	5/23	9/14	9/29	177	326	457	636	782	965	1173	1355	1518	1672	1850	2014	2161	2314	2494	2617	2722	2780	2808	2808	2808	2661	2808
1982	5/ 7	9/14	9/29	421	553	707	850	982	1115	1294	1480	1656	1825	1982	2140	2285	2406	2527	2651	2765	2873	2916	2916	2916	2704	2916
1983	5/15	9/14	9/29	183	303	434	621	793	982	1142	1335	1513	1706	1909	2058	2238	2413	2588	2769	2880	2985	3034	3034	3034	2794	3034
1984	5/24	9/14	9/29	85	215	413	564	708	885	1047	1235	1419	1588	1788	1994	2139	2308	2437	2561	2661	2775	2793	2793	2793	2595	2793
1985	5/12	9/14	9/29	313	446	575	707	847	1020	1189	1358	1527	1693	1874	2048	2210	2366	2505	2634	2751	2892	2941	2941	2941	2659	2941
1986	5/12	9/14	9/29	367	462	614	757	897	1046	1214	1374	1553	1732	1903	2065	2237	2346	2484	2595	2663	2760	2797	2797	2797	2613	2797
1987	5/22	9/14	9/29	167	329	454	612	794	959	1164	1344	1547	1698	1863	2032	2217	2336	2450	2621	2745	2820	2870	2870	2870	2664	2870
1988	5/ 6	9/14	9/29	435	573	698	878	1028	1157	1363	1547	1740	1936	2148	2360	2501	2636	2775	2887	2991	3102	3130	3130	3130	2918	3130
1989	5/14	9/14	9/29	330	479	626	762	970	1145	1337	1500	1689	1870	2054	2228	2394	2537	2683	2860	2974	3068	3095	3095	3095	2891	3095
1990	5/17	9/14	9/29	169	302	454	645	816	968	1137	1322	1510	1698	1880	2048	2208	2393	2545	2662	2738	2818	2869	2869	2869	2708	2869
MEAN:	5/16	9/14	9/29	247	379	521	674	834	1002	1175	1356	1537	1711	1890	2057	2214	2369	2517	2650	2758	2850	2885	2885	2885	2683	2885
STD :				133	132	129	131	135	132	143	137	141	145	145	148	150	144	153	141	140	150	155	155	155	141	155

Appendix 1 (cont'd).

STATION: OTTAWA ROCKCLIFFE A AES #:6106100 AGCAN #: 6260

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	JULY 27	04	11	18	AUG 25	01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1943	5/21	9/15	9/29	191	339	475	642	825	985	1166	1354	1526	1711	1865	2047	2202	2352	2508	2630	2720	2775	2810	2810	2810	2677	2810
1944	5/ 4	9/15	9/29	487	647	774	924	1092	1280	1480	1653	1824	2019	2211	2405	2579	2719	2888	3019	3186	3284	3293	3293	3293	3089	3293
1945	5/21	9/15	9/29	150	211	357	522	698	885	1055	1214	1413	1591	1767	1953	2127	2275	2438	2629	2701	2809	2847	2847	2847	2681	2847
1946	5/23	9/15	9/29	162	248	380	512	694	885	1059	1219	1409	1584	1756	1916	2060	2191	2298	2420	2558	2710	2772	2772	2772	2461	2772
1947	5/24	9/15	9/29	96	199	321	444	617	796	976	1180	1345	1527	1710	1912	2106	2290	2445	2630	2778	2829	2837	2837	2837	2705	2837
1948	5/ 6	9/15	9/29	318	455	562	700	872	1060	1240	1426	1594	1781	1933	2102	2281	2494	2646	2811	2932	3030	3093	3093	3093	2860	3093
1949	5/ 3	9/15	9/29	392	539	683	884	1066	1266	1433	1607	1787	1987	2178	2371	2524	2692	2838	2934	3063	3124	3163	3163	3163	2992	3163
1950	5/17	9/15	9/29	258	402	566	706	878	1037	1222	1409	1578	1757	1916	2074	2224	2389	2519	2659	2741	2778	2824	2824	2824	2704	2824
1951	5/16	9/15	9/29	283	437	564	720	880	1041	1227	1402	1573	1763	1905	2074	2215	2383	2516	2654	2781	2899	2924	2924	2924	2722	2924
1952	5/24	9/15	9/29	120	277	429	595	768	948	1132	1336	1534	1701	1873	2055	2221	2391	2558	2701	2840	2932	2979	2979	2979	2767	2979
1953	5/ 6	9/15	9/29	409	526	664	841	1020	1199	1356	1552	1743	1925	2077	2256	2391	2589	2781	2915	2984	3082	3120	3120	3120	2939	3120
1954	5/ 2	9/15	9/29	341	456	615	785	971	1139	1287	1446	1632	1822	1990	2147	2310	2465	2602	2706	2780	2864	2903	2903	2903	2729	2903
1955	5/ 2	9/15	9/29	500	658	821	1008	1166	1370	1569	1763	1952	2136	2330	2521	2735	2888	3052	3165	3293	3371	3415	3415	3415	3209	3415
1956	5/14	9/15	9/29	166	312	472	634	802	961	1128	1293	1466	1617	1788	1974	2124	2267	2425	2534	2611	2648	2680	2680	2680	2577	2680
1957	5/ 9	9/15	9/29	300	426	569	762	953	1116	1291	1468	1647	1834	1999	2165	2307	2449	2607	2735	2884	3001	3026	3026	3026	2800	3026
1958	5/18	9/15	9/29	188	298	413	518	660	839	1000	1179	1351	1540	1728	1908	2045	2188	2338	2456	2584	2719	2755	2755	2755	2514	2755
1959	5/ 6	9/15	9/29	418	568	746	858	1029	1214	1392	1578	1780	1979	2151	2354	2561	2753	2948	3118	3159	3303	3383	3383	3383	3137	3383
1960	5/ 5	9/15	9/29	505	665	797	952	1124	1295	1453	1629	1806	1990	2166	2330	2514	2679	2831	2982	3074	3206	3264	3264	3264	3021	3264
1961	5/14	9/15	9/29	194	323	464	602	743	904	1054	1248	1455	1639	1824	1988	2137	2320	2525	2711	2812	2976	3009	3009	3009	2758	3009
1962	5/15	9/15	9/29	326	469	623	778	942	1104	1269	1435	1585	1749	1930	2082	2230	2410	2569	2707	2820	2857	2883	2883	2883	2775	2883
1963	5/16	9/15	9/29	218	388	517	664	829	1020	1156	1342	1540	1735	1922	2053	2197	2331	2459	2586	2685	2739	2747	2747	2747	2617	2747
MEAN:	5/12	9/15	9/29	286	421	562	716	887	1064	1235	1415	1597	1780	1953	2127	2290	2453	2609	2747	2856	2949	2987	2987	2987	2796	2987
STD :				128	142	148	158	159	162	168	170	168	174	176	184	191	196	205	209	207	214	217	217	217	207	217

Appendix 1 (cont'd).

STATION: PETAWAWA NAT FORESTRY AES #:6106400 AGCAN #: 6295

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	5/14	9/ 5	9/21	145	247	370	471	582	718	842	1019	1206	1370	1539	1686	1814	1985	2174	2333	2417	2459	2459	2459	2459	2174	2459
1962	5/16	9/ 5	9/21	284	411	540	668	800	931	1090	1237	1370	1506	1661	1791	1916	2091	2238	2354	2453	2453	2453	2453	2453	2238	2453
1963	5/31	9/ 5	9/13	0	156	276	398	540	713	824	997	1171	1346	1511	1619	1743	1869	1979	2085	2089	2089	2089	2089	2089	1979	2089
1964	5/18	9/ 5	9/21	169	236	369	501	658	820	976	1148	1332	1488	1628	1743	1850	1995	2131	2253	2315	2338	2338	2338	2338	2131	2338
1965	5/10	9/ 5	9/21	305	399	524	645	782	933	1062	1209	1331	1447	1600	1754	1898	2003	2093	2200	2289	2340	2340	2340	2340	2093	2340
1966	5/24	9/ 5	9/21	104	216	331	460	627	794	960	1129	1276	1425	1588	1726	1875	2012	2142	2251	2353	2368	2368	2368	2368	2142	2368
1967	6/ 3	9/ 5	9/21	0	84	222	376	526	676	833	966	1143	1303	1460	1595	1739	1877	1980	2093	2223	2269	2269	2269	2269	1980	2269
1968	5/15	9/ 5	9/21	196	337	475	582	698	833	991	1177	1346	1475	1636	1765	1889	2022	2159	2295	2423	2469	2469	2469	2469	2159	2469
1969	5/30	9/ 5	9/21	17	117	249	362	488	635	760	945	1095	1269	1439	1601	1753	1906	2063	2186	2285	2306	2306	2306	2306	2063	2306
1970	6/ 1	9/ 5	9/21	0	111	248	381	500	648	823	978	1115	1314	1467	1653	1791	1925	2033	2160	2218	2258	2258	2258	2258	2033	2258
1971	5/12	9/ 5	9/21	264	370	495	657	802	955	1116	1262	1405	1547	1696	1844	1999	2105	2254	2418	2529	2560	2560	2560	2560	2254	2560
1972	5/15	9/ 5	9/21	307	414	506	647	777	926	1068	1248	1435	1584	1703	1811	1956	2140	2267	2396	2491	2516	2516	2516	2516	2267	2516
1973	6/ 6	9/ 5	9/17	0	27	195	303	460	640	816	964	1120	1299	1482	1660	1823	1978	2180	2272	2313	2313	2313	2313	2313	2180	2313
1974	5/23	9/ 5	9/21	100	228	375	495	630	792	957	1106	1249	1402	1554	1692	1855	1995	2090	2214	2281	2297	2297	2297	2297	2090	2297
1975	5/15	9/ 5	9/21	329	456	571	741	900	1070	1233	1404	1573	1727	1892	2057	2185	2327	2455	2535	2611	2638	2638	2638	2638	2455	2638
1976	5/28	9/ 5	9/21	51	167	325	473	645	786	944	1083	1219	1352	1455	1610	1767	1904	1980	2080	2223	2231	2231	2231	2231	1980	2231
1977	5/18	9/ 5	9/21	275	369	456	593	735	899	1046	1227	1391	1528	1694	1832	1937	2083	2226	2320	2426	2431	2431	2431	2431	2226	2431
1978	5/18	9/ 5	9/21	260	375	491	623	763	900	1069	1212	1388	1528	1685	1847	2004	2112	2228	2305	2364	2391	2391	2391	2391	2228	2391
1979	5/10	9/ 5	9/20	272	401	545	689	801	938	1083	1256	1428	1599	1749	1842	1960	2122	2266	2336	2429	2431	2431	2431	2431	2266	2431
1980	5/23	9/ 5	9/21	125	229	283	366	523	657	799	965	1126	1297	1472	1613	1776	1930	2091	2188	2245	2263	2263	2263	2263	2091	2263
1981	5/23	9/ 5	9/21	168	301	399	562	681	844	1030	1197	1332	1475	1643	1782	1913	2041	2206	2308	2381	2384	2384	2384	2384	2206	2384
1982	5/17	8/28	9/21	221	335	477	587	703	818	983	1153	1314	1465	1595	1732	1852	1954	2054	2162	2257	2276	2276	2276	2276	1945	2276
1983	6/ 5	9/ 5	9/21	0	30	140	305	458	627	754	929	1084	1259	1440	1569	1738	1896	2068	2224	2304	2338	2338	2338	2338	2068	2338
1984	5/24	9/ 5	9/21	66	192	366	496	609	763	902	1067	1223	1368	1548	1737	1863	2007	2108	2226	2304	2328	2328	2328	2328	2108	2328
1985	5/12	9/ 5	9/21	251	360	477	585	704	863	1011	1159	1307	1443	1601	1747	1875	2004	2116	2218	2326	2361	2361	2361	2361	2116	2361
1986	5/16	8/28	9/ 8	265	347	485	605	732	869	1029	1176	1347	1518	1675	1822	1975	2068	2186	2208	2208	2208	2208	2208	2208	2055	2208
1987	5/29	9/ 5	9/21	54	207	311	456	617	767	959	1125	1320	1455	1603	1762	1940	2048	2144	2305	2418	2438	2438	2438	2438	2144	2438
1988	5/10	9/ 5	9/21	343	463	572	725	860	978	1164	1330	1501	1677	1873	2071	2196	2318	2441	2539	2635	2672	2672	2672	2672	2441	2672
1989	5/17	9/ 5	9/21	250	371	495	619	813	967	1141	1283	1446	1611	1776	1936	2083	2215	2336	2484	2574	2611	2611	2611	2611	2336	2611
1990	5/27	9/ 5	9/21	53	177	318	492	643	780	919	1081	1258	1428	1587	1733	1866	2041	2179	2289	2345	2362	2362	2362	2362	2179	2362
MEAN:	5/21	9/ 4	9/20	162	271	396	528	668	818	972	1134	1295	1450	1608	1754	1894	2032	2162	2274	2357	2379	2379	2379	2379	2154	2379
STD :				117	126	121	126	123	118	128	126	126	121	122	125	121	118	121	123	132	139	139	139	139	127	139

Appendix 1 (cont'd).

STATION: PETERBOROUGH A AES #:6166418 AGCAN #: 6205

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	5/14	9/10	9/26	169	314	471	590	709	871	1005	1190	1385	1568	1743	1908	2047	2220	2422	2613	2729	2899	2899	2899	2899	2555	2899
1962	5/16	9/10	9/26	292	422	574	737	908	1074	1239	1395	1534	1678	1840	1989	2126	2285	2434	2554	2674	2737	2737	2737	2737	2517	2737
1963	6/ 2	9/10	9/24	0	119	243	369	512	689	817	980	1159	1341	1514	1653	1781	1913	2051	2185	2276	2317	2317	2317	2317	2147	2317
1964	5/ 7	9/10	9/16	384	463	606	746	914	1093	1263	1435	1634	1812	1964	2083	2201	2346	2492	2624	2665	2665	2665	2665	2665	2596	2665
1965	5/10	8/30	9/26	341	444	599	730	878	1039	1188	1357	1514	1663	1830	2013	2184	2318	2441	2584	2730	2880	2880	2880	2880	2329	2880
1966	5/20	9/10	9/26	167	298	428	583	778	981	1165	1361	1525	1713	1892	2038	2196	2343	2495	2612	2729	2773	2773	2773	2773	2582	2773
1967	6/ 3	9/10	9/26	0	92	266	435	591	743	905	1042	1225	1390	1555	1694	1856	1998	2124	2252	2391	2483	2483	2483	2483	2224	2483
1968	5/26	9/10	9/26	58	199	366	483	594	744	909	1106	1284	1430	1612	1766	1916	2066	2196	2336	2485	2635	2635	2635	2635	2298	2635
1969	5/30	9/10	9/26	21	121	258	374	513	669	813	1012	1191	1365	1543	1708	1875	2041	2220	2354	2483	2569	2569	2569	2569	2325	2569
1970	5/11	9/10	9/26	296	443	594	736	862	1014	1187	1355	1504	1701	1854	2026	2176	2326	2455	2588	2686	2844	2844	2844	2844	2557	2844
1971	5/12	9/10	9/26	285	409	552	701	854	1018	1178	1313	1458	1590	1739	1896	2036	2155	2302	2460	2575	2659	2659	2659	2659	2415	2659
1972	5/15	9/10	9/26	298	411	518	666	791	936	1063	1250	1450	1594	1727	1845	1991	2176	2306	2435	2551	2658	2658	2658	2658	2394	2658
1973	5/29	9/10	9/17	33	174	347	469	630	796	964	1111	1268	1442	1616	1793	1951	2121	2318	2428	2484	2484	2484	2484	2484	2397	2484
1974	5/31	9/10	9/22	0	135	282	407	549	712	881	1035	1187	1342	1501	1653	1816	1957	2057	2200	2290	2316	2316	2316	2316	2146	2316
1975	5/15	9/10	9/26	346	479	600	763	921	1090	1264	1427	1604	1771	1946	2114	2241	2391	2511	2600	2676	2756	2756	2756	2756	2573	2756
1976	5/28	8/31	9/26	54	175	328	486	660	816	981	1132	1285	1439	1572	1742	1900	2049	2144	2263	2416	2468	2468	2468	2468	2071	2468
1977	5/18	9/10	9/26	272	380	476	623	762	909	1064	1258	1433	1578	1751	1898	2001	2147	2305	2411	2531	2611	2611	2611	2611	2387	2611
1978	5/18	9/10	9/26	265	378	495	625	766	909	1072	1221	1401	1543	1694	1852	2004	2148	2278	2392	2474	2558	2558	2558	2558	2357	2558
1979	5/10	9/10	9/20	280	404	536	676	785	930	1076	1249	1414	1594	1754	1869	1998	2159	2309	2407	2509	2519	2519	2519	2519	2384	2519
1980	5/19	9/10	9/26	210	319	386	479	628	762	912	1082	1258	1436	1617	1783	1944	2115	2290	2415	2515	2606	2606	2606	2606	2385	2606
1981	5/23	9/10	9/26	161	293	407	561	697	874	1065	1237	1384	1534	1703	1870	2001	2138	2306	2434	2521	2586	2586	2586	2586	2398	2586
1982	5/14	9/ 8	9/26	259	368	490	608	728	863	1026	1198	1358	1522	1668	1789	1910	2020	2137	2243	2338	2427	2427	2427	2427	2169	2427
1983	6/ 4	9/10	9/26	0	50	164	334	490	657	794	977	1135	1317	1503	1627	1790	1951	2107	2258	2355	2440	2440	2440	2440	2223	2440
1984	5/24	9/ 6	9/26	64	184	353	477	593	744	877	1044	1205	1351	1538	1731	1860	2000	2096	2207	2297	2402	2402	2402	2402	2107	2402
1985	5/12	9/10	9/26	262	372	478	591	708	857	1000	1151	1306	1445	1598	1749	1880	2017	2150	2280	2380	2496	2496	2496	2496	2266	2496
1986	5/ 7	9/ 8	9/26	389	491	624	741	875	1013	1185	1350	1521	1706	1862	2002	2155	2258	2388	2488	2550	2649	2649	2649	2649	2419	2649
1987	5/11	9/10	9/26	318	463	590	741	904	1050	1240	1404	1599	1752	1899	2054	2224	2341	2438	2583	2688	2775	2775	2775	2775	2540	2775
1988	5/20	9/10	9/26	199	323	426	573	709	819	990	1170	1351	1531	1725	1914	2041	2165	2285	2380	2482	2584	2584	2584	2584	2352	2584
1989	5/18	9/10	9/26	242	381	522	656	851	1001	1171	1304	1479	1637	1800	1956	2097	2222	2355	2517	2615	2700	2700	2700	2700	2481	2700
1990	5/17	9/10	9/26	149	260	394	571	717	865	1014	1173	1338	1501	1663	1816	1974	2143	2278	2394	2475	2547	2547	2547	2547	2361	2547
MEAN:	5/19	9/ 9	9/24	193	312	445	584	729	884	1043	1210	1379	1542	1707	1861	2005	2150	2289	2416	2519	2601	2601	2601	2601	2365	2601
STD :				127	130	127	128	132	134	143	142	144	146	140	137	141	141	142	143	137	156	156	156	156	149	156

Appendix 1 (cont'd).

STATION: PICKERING AUDLEY AES #:6156515 AGCAN #: 6146

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1959	5/22	9/15	9/17	157	293	456	574	730	904	1060	1217	1404	1574	1734	1922	2119	2315	2507	2673	2715	2715	2715	2715	2715	2704	2715
1960	5/17	9/15	9/30	234	362	475	609	759	917	1056	1219	1382	1552	1715	1863	2021	2178	2323	2468	2574	2721	2784	2784	2784	2510	2784
1961	5/14	9/15	9/30	183	312	446	551	661	816	935	1114	1303	1485	1656	1809	1949	2122	2309	2488	2606	2766	2809	2809	2809	2557	2809
1962	5/16	9/15	9/30	296	412	563	714	868	1013	1179	1337	1491	1641	1806	1968	2103	2266	2424	2545	2659	2719	2750	2750	2750	2606	2750
1963	5/30	9/14	9/24	18	154	276	394	530	705	841	1003	1177	1349	1524	1661	1783	1918	2041	2160	2247	2281	2281	2281	2281	2175	2281
1964	5/ 9	9/15	9/30	313	386	517	654	823	988	1157	1318	1512	1678	1830	1947	2066	2219	2359	2503	2590	2709	2746	2746	2746	2533	2746
1965	5/18	9/15	9/27	183	272	399	528	664	819	953	1105	1246	1379	1538	1705	1866	1993	2104	2235	2375	2503	2503	2503	2503	2296	2503
1966	5/26	9/15	9/30	58	160	272	401	578	759	926	1095	1257	1428	1590	1738	1898	2040	2198	2321	2431	2498	2529	2529	2529	2369	2529
1967	6/ 3	9/15	9/30	0	85	255	424	579	729	890	1025	1208	1373	1540	1690	1851	1995	2124	2248	2383	2475	2493	2493	2493	2297	2493
1968	6/ 2	9/15	9/30	0	98	255	353	474	608	756	943	1109	1252	1426	1566	1713	1863	1996	2135	2277	2423	2466	2466	2466	2186	2466
1969	5/30	9/15	9/30	23	119	242	348	494	641	780	973	1144	1315	1494	1649	1810	1967	2141	2263	2391	2485	2529	2529	2529	2330	2529
1970	6/ 1	9/15	9/30	0	116	273	404	528	684	863	1034	1190	1394	1552	1739	1894	2054	2186	2326	2418	2571	2601	2601	2601	2363	2601
1971	5/18	9/15	9/30	171	284	416	567	726	904	1082	1230	1381	1526	1682	1844	1999	2135	2291	2468	2603	2704	2785	2785	2785	2543	2785
1972	5/19	9/15	9/30	208	317	426	575	697	845	987	1176	1375	1523	1648	1781	1934	2122	2269	2410	2557	2661	2706	2706	2706	2471	2706
1973	5/29	9/15	9/21	31	161	332	456	615	786	954	1107	1272	1450	1628	1807	1972	2144	2341	2458	2539	2553	2553	2553	2553	2499	2553
1974	5/31	9/15	9/23	0	123	270	382	523	684	855	1017	1174	1328	1491	1650	1814	1967	2075	2220	2319	2354	2354	2354	2354	2274	2354
1975	5/17	9/15	9/30	299	419	545	715	876	1053	1227	1386	1560	1715	1887	2057	2197	2358	2490	2603	2685	2770	2826	2826	2826	2623	2826
1976	5/30	9/15	9/30	20	135	282	438	623	779	947	1102	1256	1413	1551	1722	1883	2046	2153	2278	2432	2489	2521	2521	2521	2332	2521
1977	5/18	9/15	9/30	270	382	495	651	805	956	1117	1319	1511	1664	1847	2007	2122	2263	2422	2540	2669	2762	2821	2821	2821	2588	2821
1978	5/18	9/15	9/30	246	364	479	618	760	913	1082	1224	1410	1563	1718	1882	2042	2202	2336	2468	2561	2654	2693	2693	2693	2516	2693
1979	5/10	9/11	9/20	262	385	522	662	781	924	1071	1249	1413	1595	1771	1892	2031	2194	2358	2458	2573	2585	2585	2585	2585	2445	2585
1980	5/20	9/15	9/27	192	294	362	455	597	729	881	1042	1220	1389	1567	1731	1888	2057	2223	2340	2439	2547	2550	2550	2550	2391	2550
1981	5/22	9/15	9/30	172	297	415	581	729	907	1100	1277	1433	1584	1759	1932	2070	2224	2409	2558	2668	2734	2771	2771	2771	2627	2771
1982	5/ 9	8/29	9/30	327	442	560	680	803	946	1114	1287	1467	1636	1805	1940	2072	2190	2315	2424	2532	2624	2682	2682	2682	2190	2682
1983	6/12	9/15	9/30	0	0	46	215	382	554	695	875	1038	1225	1415	1554	1721	1889	2051	2213	2312	2403	2457	2457	2457	2252	2457
1984	6/ 3	9/15	9/30	0	81	246	369	493	652	781	938	1095	1236	1424	1619	1763	1917	2029	2152	2252	2370	2390	2390	2390	2202	2390
MEAN:	5/23	9/14	9/28	140	248	377	512	657	815	972	1138	1308	1471	1638	1795	1945	2101	2249	2382	2492	2579	2611	2611	2611	2418	2611
STD :				120	129	130	133	135	137	144	144	148	147	142	140	137	140	149	158	148	151	160	160	160	160	160

Appendix 1 (cont'd).

STATION: REDICKVILLE AES #:6146939 AGCAN #: 6161

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1956	6/ 9	9/ 6	9/23	0	0	112	249	364	482	591	711	836	942	1093	1255	1383	1514	1677	1753	1799	1812	1812	1812	1812	1692	1812
1957	6/ 1	9/ 6	9/23	0	70	168	324	482	612	757	886	1049	1224	1365	1503	1618	1735	1873	1978	2085	2149	2149	2149	2149	1884	2149
1958	6/ 1	9/ 6	9/23	0	80	181	264	364	529	667	827	971	1128	1286	1439	1563	1680	1804	1900	2034	2090	2090	2090	2090	1828	2090
1959	5/21	9/ 6	9/23	190	323	507	599	724	897	1039	1188	1361	1527	1675	1854	2035	2224	2389	2537	2566	2660	2660	2660	2660	2413	2660
1960	5/17	9/ 6	9/23	222	332	428	539	686	825	974	1107	1250	1407	1521	1642	1795	1937	2066	2191	2274	2335	2335	2335	2335	2086	2335
1961	5/14	9/ 6	9/23	138	252	400	493	588	735	840	1013	1186	1355	1512	1656	1775	1931	2117	2277	2397	2489	2489	2489	2489	2142	2489
1962	5/16	9/ 6	9/23	276	376	492	626	756	907	1057	1163	1289	1391	1546	1673	1796	1970	2118	2242	2350	2363	2363	2363	2363	2128	2363
1963	5/30	9/ 6	9/23	13	152	263	367	494	662	786	936	1106	1278	1449	1579	1711	1842	1963	2093	2178	2198	2198	2198	2198	1979	2198
1964	5/18	9/ 6	9/23	192	258	383	517	675	854	1024	1193	1391	1556	1689	1781	1875	2013	2149	2275	2353	2430	2430	2430	2430	2161	2430
1965	5/27	8/30	9/23	46	131	263	367	503	643	771	915	1039	1161	1308	1470	1615	1725	1826	1933	2058	2163	2163	2163	2163	1728	2163
1966	5/25	9/ 6	9/23	63	171	286	403	589	772	934	1110	1269	1426	1584	1716	1858	1992	2139	2246	2353	2383	2383	2383	2383	2150	2383
1967	6/ 3	9/ 6	9/23	0	96	279	433	577	708	856	962	1135	1278	1418	1540	1669	1809	1916	2029	2170	2212	2212	2212	2212	1941	2212
1968	6/ 6	9/ 6	9/23	0	26	193	275	380	506	641	828	977	1093	1262	1386	1548	1666	1801	1911	2063	2153	2153	2153	2153	1820	2153
1969	5/30	9/ 6	9/23	16	93	216	309	424	562	695	878	1047	1203	1369	1522	1671	1831	2003	2117	2233	2291	2291	2291	2291	2031	2291
1970	5/21	9/ 6	9/23	131	272	427	563	671	830	985	1149	1290	1494	1631	1813	1959	2088	2216	2348	2414	2507	2507	2507	2507	2233	2507
1971	5/17	9/ 6	9/23	167	276	425	583	725	896	1063	1201	1353	1487	1629	1788	1943	2054	2211	2381	2496	2543	2543	2543	2543	2240	2543
1972	5/15	9/ 6	9/23	302	406	494	630	720	863	987	1164	1351	1484	1588	1708	1854	2029	2159	2290	2409	2452	2452	2452	2452	2176	2452
1973	6/ 2	9/ 6	9/21	0	99	268	410	564	724	884	1028	1201	1377	1554	1731	1875	2053	2262	2364	2418	2428	2428	2428	2428	2286	2428
1974	5/23	9/ 6	9/23	83	207	346	453	577	737	910	1056	1193	1353	1516	1676	1855	2003	2099	2243	2312	2329	2329	2329	2329	2112	2329
1975	5/19	9/ 6	9/23	268	370	485	657	831	1011	1174	1341	1515	1686	1850	2029	2166	2319	2430	2524	2592	2631	2631	2631	2631	2447	2631
1976	5/31	9/ 6	9/23	0	118	268	425	591	733	898	1035	1192	1335	1449	1602	1757	1915	2010	2139	2275	2299	2299	2299	2299	2022	2299
1977	5/18	9/ 6	9/23	284	385	456	615	745	893	1052	1239	1411	1553	1722	1864	1960	2094	2225	2323	2426	2459	2459	2459	2459	2238	2459
1978	5/25	9/ 6	9/23	148	257	371	496	631	782	934	1086	1278	1424	1574	1746	1902	2058	2189	2317	2387	2440	2440	2440	2440	2216	2440
1979	5/20	9/ 6	9/23	80	208	343	492	589	709	856	1030	1201	1364	1524	1626	1743	1903	2062	2154	2266	2303	2303	2303	2303	2088	2303
1980	5/20	9/ 6	9/23	195	281	349	438	602	725	874	1043	1217	1385	1565	1712	1874	2044	2211	2324	2403	2474	2474	2474	2474	2230	2474
1981	5/23	9/ 6	9/23	150	267	369	517	630	802	987	1144	1281	1417	1584	1746	1864	1997	2161	2285	2360	2365	2365	2365	2365	2180	2365
1982	5/14	9/ 6	9/23	287	364	487	576	683	823	999	1173	1332	1481	1646	1757	1880	1989	2103	2226	2320	2357	2357	2357	2357	2114	2357
1983	6/12	9/ 6	9/23	0	0	47	216	383	550	674	871	1028	1212	1400	1533	1708	1883	2047	2211	2302	2348	2348	2348	2348	2076	2348
1984	6/ 4	9/ 6	9/23	0	70	243	376	505	652	783	944	1100	1238	1421	1604	1743	1892	1995	2113	2209	2278	2278	2278	2278	2003	2278
MEAN:	5/25	9/ 5	9/22	112	204	329	455	588	738	885	1042	1201	1353	1507	1653	1792	1937	2076	2197	2293	2342	2342	2342	2342	2091	2342
STD :				108	124	123	127	127	136	149	147	156	163	162	162	166	173	177	184	172	178	178	178	178	182	178

Appendix 1 (cont'd).

STATION: RIDGETOWN AES #:6137147 AGCAN #: 6013

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	5/14	9/27	10/11	211	356	536	655	786	969	1119	1312	1521	1721	1906	2091	2249	2442	2655	2849	2988	3169	3249	3377	3402	3184	3402
1962	4/29	9/27	10/11	593	740	904	1075	1245	1424	1602	1775	1952	2118	2302	2456	2624	2818	2998	3139	3279	3355	3445	3577	3602	3365	3602
1963	5/29	9/27	10/11	37	209	362	511	654	847	993	1187	1384	1584	1771	1925	2075	2229	2374	2524	2637	2728	2840	2959	2980	2751	2980
1964	5/ 6	9/27	10/11	443	542	690	852	1039	1237	1406	1589	1796	1978	2159	2286	2438	2606	2772	2934	3043	3199	3296	3329	3329	3216	3329
1965	5/ 9	9/27	10/ 5	384	503	658	783	946	1120	1288	1467	1624	1781	1954	2138	2312	2447	2595	2749	2915	3071	3165	3165	3165	3074	3165
1966	5/18	9/27	10/11	220	348	488	635	842	1035	1231	1411	1599	1788	1961	2121	2298	2465	2653	2790	2920	3014	3084	3178	3184	3026	3184
1967	5/19	9/27	10/11	159	306	508	707	880	1049	1226	1372	1568	1748	1928	2070	2253	2408	2538	2665	2812	2922	2985	3074	3074	2930	3074
1968	5/26	9/27	10/11	44	187	372	500	653	823	996	1201	1392	1556	1753	1917	2119	2280	2443	2586	2760	2940	3074	3137	3146	2954	3146
1969	5/ 8	9/27	10/11	274	389	525	653	800	970	1143	1346	1537	1727	1915	2102	2279	2465	2662	2805	2955	3082	3198	3311	3336	3100	3336
1970	4/29	9/27	10/11	530	680	868	1037	1171	1362	1535	1730	1896	2119	2285	2490	2673	2855	3019	3193	3320	3508	3578	3708	3716	3517	3716
1971	5/10	9/27	10/11	314	447	597	769	951	1149	1356	1526	1710	1876	2044	2234	2415	2569	2759	2957	3098	3201	3372	3464	3475	3222	3475
1972	5/15	9/27	10/11	386	506	629	789	889	1052	1205	1416	1636	1800	1955	2113	2299	2495	2647	2799	2970	3109	3210	3292	3306	3124	3306
1973	5/ 9	9/27	10/11	275	440	634	808	991	1172	1367	1536	1733	1931	2128	2325	2493	2684	2902	3046	3160	3288	3437	3561	3581	3316	3581
1974	4/30	9/23	10/11	356	516	690	830	971	1164	1345	1520	1684	1866	2044	2224	2416	2598	2721	2891	3017	3097	3167	3244	3258	3056	3258
1975	5/10	9/27	10/11	451	603	738	925	1124	1315	1493	1675	1876	2064	2244	2435	2601	2798	2959	3088	3194	3287	3375	3485	3492	3301	3492
1976	5/16	9/27	10/11	193	335	523	699	877	1045	1221	1386	1569	1757	1893	2073	2231	2417	2538	2688	2844	2926	3011	3080	3086	2937	3086
1977	5/18	9/27	10/11	299	415	506	687	854	1043	1238	1440	1639	1805	2004	2182	2313	2477	2664	2804	2964	3097	3184	3233	3239	3114	3239
1978	5/13	9/27	10/11	342	489	628	789	960	1127	1304	1473	1680	1858	2030	2204	2389	2579	2738	2926	3084	3211	3301	3364	3381	3233	3381
1979	5/ 9	9/27	10/11	295	445	602	772	908	1056	1209	1402	1591	1776	1970	2118	2273	2457	2642	2778	2914	3024	3171	3205	3205	3043	3205
1980	5/ 4	9/27	10/11	401	542	637	760	945	1111	1278	1468	1668	1864	2069	2253	2434	2624	2820	2969	3093	3216	3318	3365	3369	3223	3369
1981	5/23	9/27	10/11	177	324	487	667	814	1005	1203	1389	1557	1725	1913	2104	2246	2422	2614	2779	2896	2979	3041	3096	3104	3001	3104
1982	5/ 7	9/27	10/11	497	618	772	922	1073	1238	1438	1642	1823	2006	2205	2358	2522	2663	2821	2972	3113	3216	3346	3473	3491	3229	3491
1983	5/14	9/27	10/11	210	318	478	662	860	1057	1212	1429	1629	1828	2035	2197	2397	2587	2779	2967	3105	3204	3349	3450	3467	3223	3467
1984	5/20	9/27	10/ 2	158	303	500	659	835	1016	1185	1367	1545	1710	1923	2118	2292	2455	2607	2762	2880	3030	3059	3059	3059	3033	3059
1985	5/ 7	9/27	10/11	424	567	696	835	992	1168	1355	1542	1725	1899	2078	2262	2421	2597	2781	2949	3077	3223	3317	3409	3414	3235	3414
1986	4/29	9/27	10/11	551	693	866	1020	1186	1345	1539	1744	1941	2137	2320	2492	2684	2818	2967	3095	3204	3391	3570	3639	3649	3418	3649
1987	5/11	9/27	10/11	406	580	739	920	1117	1314	1528	1698	1913	2103	2283	2478	2666	2804	2944	3140	3329	3459	3572	3619	3619	3479	3619
1988	5/10	9/27	10/11	409	556	690	871	1043	1174	1372	1583	1775	1969	2186	2416	2586	2752	2910	3038	3193	3314	3447	3492	3493	3335	3493
1989	5/18	9/24	9/27	256	425	587	746	944	1113	1312	1465	1668	1850	2030	2208	2374	2541	2708	2898	3017	3116	3123	3123	3123	3098	3123
1990	4/29	9/27	10/11	443	573	736	921	1088	1266	1451	1641	1821	1995	2162	2329	2513	2711	2888	3057	3167	3264	3390	3508	3516	3282	3516
MEAN:	5/11	9/26	10/10	324	465	621	781	947	1125	1305	1491	1681	1864	2048	2223	2396	2568	2737	2894	3031	3154	3255	3332	3342	3167	3342
STD :				142	140	137	143	147	146	152	150	153	156	154	164	162	167	166	172	170	177	191	202	200	176	200

Appendix 1 (cont'd).

STATION: SARNIA A AES #:6127514 AGCAN #: 6023

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	5/14	9/24	10/ 9	183	326	493	622	756	941	1100	1290	1493	1690	1878	2067	2232	2429	2637	2841	2988	3163	3232	3337	3337	3121	3337
1962	5/ 6	9/24	10/ 9	468	605	752	917	1094	1279	1465	1646	1820	1990	2171	2335	2504	2695	2871	3021	3169	3256	3363	3472	3472	3225	3472
1963	5/ 9	9/24	10/ 9	259	434	584	723	875	1069	1225	1413	1612	1812	2003	2166	2328	2490	2638	2791	2916	3019	3131	3236	3236	2978	3236
1964	5/ 3	9/24	10/ 9	504	603	759	919	1095	1288	1465	1649	1862	2054	2242	2369	2520	2691	2864	3024	3133	3292	3386	3417	3417	3256	3417
1965	5/ 8	9/24	10/ 9	415	537	688	813	975	1152	1322	1507	1671	1838	2010	2193	2374	2526	2683	2839	3001	3149	3244	3288	3288	3130	3288
1966	5/18	9/24	10/ 9	233	363	499	665	869	1069	1276	1477	1669	1859	2046	2213	2395	2569	2762	2914	3054	3154	3226	3321	3321	3131	3321
1967	5/19	9/24	10/ 9	152	303	503	690	856	1025	1207	1362	1557	1740	1928	2090	2265	2431	2575	2721	2884	2996	3060	3141	3141	2962	3141
1968	5/15	9/24	10/ 9	201	350	528	640	784	959	1126	1335	1525	1695	1895	2066	2269	2437	2607	2763	2940	3117	3249	3295	3295	3082	3295
1969	5/ 7	9/24	10/ 9	283	394	521	642	792	968	1147	1347	1548	1742	1941	2129	2318	2508	2705	2857	3017	3139	3261	3352	3352	3113	3352
1970	5/10	9/24	10/ 9	291	418	594	751	879	1063	1231	1419	1582	1798	1966	2165	2340	2519	2670	2833	2950	3124	3189	3306	3306	3077	3306
1971	5/17	9/24	10/ 9	192	330	468	634	796	971	1163	1321	1488	1647	1800	1980	2157	2320	2504	2688	2835	2928	3086	3156	3156	2902	3156
1972	5/ 2	9/24	10/ 9	355	460	568	695	768	906	1054	1251	1459	1609	1746	1894	2068	2254	2394	2539	2695	2820	2909	2977	2977	2769	2977
1973	5/ 9	9/21	10/ 9	222	383	560	725	898	1073	1258	1410	1597	1793	1980	2166	2333	2520	2730	2875	2966	3077	3213	3312	3312	2979	3312
1974	5/23	9/23	10/ 9	85	227	395	532	649	835	1004	1172	1322	1499	1672	1847	2030	2192	2305	2468	2581	2648	2710	2764	2764	2613	2764
1975	5/19	9/24	10/ 9	292	430	554	735	918	1107	1289	1465	1654	1831	2014	2200	2361	2547	2690	2804	2902	2984	3061	3140	3140	2967	3140
1976	5/16	9/24	10/ 9	164	276	460	627	805	965	1138	1292	1468	1647	1792	1965	2119	2296	2425	2567	2727	2796	2884	2942	2942	2780	2942
1977	5/18	9/24	10/ 9	277	380	457	621	777	956	1135	1338	1527	1686	1874	2036	2167	2318	2480	2625	2768	2894	2976	3025	3025	2848	3025
1978	5/13	9/24	10/ 9	292	414	530	675	835	985	1153	1314	1506	1673	1840	2021	2193	2374	2531	2717	2859	2972	3062	3106	3106	2950	3106
1979	5/ 9	9/24	10/ 9	269	404	551	708	827	958	1107	1292	1478	1652	1839	1979	2129	2307	2485	2612	2737	2838	2988	3016	3016	2800	3016
1980	5/ 6	9/24	10/ 9	303	415	505	615	785	938	1103	1284	1476	1670	1868	2051	2236	2430	2620	2767	2883	2998	3092	3120	3120	2976	3120
1981	5/23	9/24	10/ 9	150	278	437	600	741	923	1117	1307	1477	1637	1824	2010	2148	2313	2501	2662	2784	2865	2914	2951	2951	2828	2951
1982	5/ 6	9/24	10/ 9	417	506	647	760	883	1034	1216	1412	1588	1762	1954	2098	2249	2384	2533	2674	2800	2890	3017	3120	3120	2858	3120
1983	5/14	9/24	10/ 9	192	287	421	584	762	952	1103	1307	1501	1698	1895	2047	2227	2415	2592	2765	2892	2980	3117	3199	3199	2946	3199
1984	5/23	9/24	10/ 9	82	235	420	573	736	904	1070	1254	1436	1600	1805	2006	2177	2342	2491	2631	2744	2879	2922	3001	3001	2857	3001
1985	5/11	9/24	10/ 9	313	433	552	678	828	994	1177	1353	1531	1699	1877	2055	2206	2370	2541	2707	2824	2955	3043	3117	3117	2930	3117
1986	5/15	9/24	10/ 9	237	340	494	636	786	934	1111	1303	1492	1683	1862	2024	2207	2333	2477	2599	2693	2858	3013	3065	3065	2808	3065
1987	5/11	9/24	10/ 9	352	517	661	832	1016	1187	1393	1566	1779	1962	2149	2339	2527	2652	2784	2960	3101	3212	3302	3338	3338	3185	3338
1988	5/10	9/24	10/ 9	284	416	542	702	854	982	1179	1364	1556	1752	1964	2184	2343	2500	2648	2777	2927	3045	3165	3190	3190	3013	3190
1989	5/20	9/24	10/ 9	194	349	497	636	824	971	1156	1315	1510	1686	1867	2045	2200	2361	2519	2697	2801	2879	2959	2991	2991	2863	2991
1990	5/ 9	9/24	10/ 9	236	357	498	645	793	959	1123	1301	1468	1633	1795	1956	2133	2317	2477	2630	2726	2811	2913	3001	3001	2782	3001
1991	5/12	9/24	10/ 9	426	568	718	898	1064	1261	1439	1613	1814	1979	2134	2315	2496	2683	2833	2999	3157	3223	3320	3392	3392	3208	3392
1992	5/22	9/24	10/ 9	90	216	340	465	553	712	880	1048	1183	1332	1486	1633	1761	1932	2077	2214	2371	2460	2540	2601	2601	2434	2601
MEAN:	5/13	9/23	10/ 9	262	392	537	686	839	1010	1185	1366	1551	1729	1909	2082	2250	2420	2582	2736	2869	2981	3079	3146	3146	2949	3146
STD :				108	103	101	105	119	123	131	132	141	147	154	155	159	161	171	176	175	188	191	197	197	181	197

Appendix 1 (cont'd).

STATION: SAULT STE MARIE 2 AES #:6057590 AGCAN #: 6321

	* CONTROL DATES *			ACCUMULATED CHU TO SELECTED DATES:																						
	START	SILAGE	GRAIN	MAY	JUNE				JULY				AUG					SEPT				OCT				
YEAR	MM/DD	MM/DD	MM/DD	30	06	13	20	27	04	11	18	25	01	08	15	22	29	05	12	19	26	03	10	17	SILAGE	GRAIN
1961	6/ 9	9/ 4	9/22	0	0	88	180	255	380	513	675	849	1017	1176	1312	1443	1607	1790	1956	2037	2107	2107	2107	2107	1771	2107
1962	5/16	9/ 4	9/22	237	317	438	548	681	836	990	1117	1253	1381	1532	1657	1780	1936	2074	2188	2262	2270	2270	2270	2270	2069	2270
1963	5/28	9/ 4	9/22	33	179	276	372	493	644	772	919	1088	1248	1402	1528	1646	1776	1882	1999	2107	2123	2123	2123	2123	1869	2123
1964	5/24	9/ 4	9/22	55	115	240	341	467	629	787	950	1139	1282	1424	1517	1624	1756	1889	2002	2082	2131	2131	2131	2131	1875	2131
1965	5/26	9/ 4	9/22	41	141	235	352	472	591	689	827	955	1064	1206	1358	1488	1599	1703	1781	1870	1915	1915	1915	1915	1686	1915
1966	5/24	9/ 4	9/22	63	168	263	376	547	719	877	1043	1196	1350	1513	1648	1775	1921	2066	2193	2303	2345	2345	2345	2345	2051	2345
1967	5/27	9/ 4	9/22	56	195	334	480	590	718	872	979	1138	1282	1431	1558	1660	1798	1907	2023	2174	2217	2217	2217	2217	1890	2217
1968	5/26	9/ 4	9/22	40	155	293	373	477	591	720	910	1043	1163	1334	1433	1571	1697	1837	1948	2113	2177	2177	2177	2177	1817	2177
1969	6/12	9/ 4	9/22	0	0	21	79	205	311	431	598	774	936	1101	1268	1412	1581	1746	1848	1965	2012	2012	2012	2012	1721	2012
1970	5/31	9/ 4	9/22	0	98	254	362	474	625	785	942	1087	1282	1421	1613	1763	1901	2017	2149	2205	2270	2270	2270	2270	1997	2270
1971	6/12	9/ 4	9/22	0	0	36	195	320	482	633	761	900	1013	1143	1286	1430	1536	1697	1852	1940	1969	1969	1969	1969	1666	1969
1972	5/16	9/ 4	9/22	271	371	456	560	672	794	924	1070	1230	1368	1478	1607	1753	1897	2016	2117	2208	2241	2241	2241	2241	2000	2241
1973	5/25	9/ 4	9/22	79	193	309	446	574	707	849	986	1158	1311	1480	1652	1806	1987	2187	2278	2340	2355	2355	2355	2355	2164	2355
1974	6/ 5	9/ 4	9/22	0	46	163	268	387	546	714	872	1015	1161	1320	1468	1639	1764	1838	1958	2029	2039	2039	2039	2039	1824	2039
1975	5/19	9/ 4	9/22	242	318	424	557	728	905	1040	1210	1365	1534	1691	1854	1991	2138	2252	2316	2406	2436	2436	2436	2436	2242	2436
1976	5/29	9/ 4	9/22	46	184	338	463	623	774	935	1054	1207	1354	1480	1636	1791	1943	2042	2166	2291	2301	2301	2301	2301	2033	2301
1977	5/16	9/ 4	9/22	328	423	497	621	760	882	1035	1206	1377	1516	1657	1772	1876	1991	2115	2219	2319	2349	2349	2349	2349	2099	2349
1978	5/17	9/ 4	9/22	268	328	413	528	654	809	955	1089	1252	1376	1515	1679	1823	1958	2079	2193	2263	2298	2298	2298	2298	2059	2298
1979	6/ 9	9/ 4	9/22	0	0	63	202	283	401	544	709	891	1045	1204	1299	1432	1576	1713	1797	1887	1912	1912	1912	1912	1690	1912
1980	5/19	9/ 4	9/22	210	292	346	433	589	695	835	992	1156	1310	1481	1618	1783	1939	2096	2208	2263	2291	2291	2291	2291	2076	2291
1981	5/22	9/ 4	9/22	140	246	356	486	583	749	916	1078	1229	1367	1544	1708	1840	2003	2154	2277	2351	2361	2361	2361	2361	2135	2361
1982	5/16	9/ 4	9/22	278	356	465	538	640	762	924	1091	1245	1399	1559	1672	1814	1894	1995	2132	2191	2208	2208	2208	2208	1980	2208
1983	6/ 4	9/ 4	9/22	0	34	143	289	458	622	761	949	1131	1313	1495	1647	1828	2006	2194	2341	2409	2429	2429	2429	2429	2165	2429
1984	6/ 2	9/ 4	9/22	0	93	236	342	445	578	705	845	992	1144	1325	1490	1646	1789	1884	1992	2081	2124	2124	2124	2124	1877	2124
1985	5/16	8/ 8	9/22	139	206	280	384	496	652	776	915	1053	1196	1353	1494	1614	1749	1886	2002	2126	2167	2167	2167	2167	1353	2167
1986	5/16	9/ 4	9/22	234	328	420	517	644	763	921	1078	1253	1415	1569	1710	1859	1951	2086	2153	2203	2242	2242	2242	2242	2073	2242
1987	5/29	9/ 4	9/22	51	179	288	451	612	741	927	1064	1255	1420	1576	1743	1902	2015	2124	2272	2391	2439	2439	2439	2439	2102	2439
1988	5/22	9/ 4	9/22	126	258	375	531	656	775	959	1113	1286	1469	1659	1849	1997	2117	2247	2360	2471	2499	2499	2499	2499	2242	2499
1989	5/19	9/ 4	9/22	189	284	399	515	673	811	974	1125	1303	1466	1621	1788	1920	2056	2193	2338	2451	2509	2509	2509	2509	2168	2509
1990	5/24	9/ 4	9/17	96	192	312	437	557	696	822	982	1132	1304	1455	1586	1730	1901	2052	2183	2225	2225	2225	2225	2225	2030	2225
1991	5/16	9/ 4	9/22	289	428	567	722	873	1024	1176	1347	1515	1655	1799	1968	2119	2300	2439	2573	2693	2715	2715	2715	2715	2424	2715
1992	5/21	9/ 4	9/22	120	256	376	482	571	647	755	894	1012	1119	1257	1378	1510	1651	1768	1863	1990	2013	2013	2013	2013	1747	2013
MEAN:	5/25	9/ 3	9/21	113	199	303	419	545	683	828	980	1139	1289	1443	1587	1727	1866	1999	2114	2207	2240	2240	2240	2240	1965	2240
STD :				107	125	134	140	149	153	162	163	167	169	171	177	179	186	184	192	189	184	184	184	184	218	184

Appendix 1 (cont'd).

STATION: SIMCOE AES #:6137730 AGCAN #: 6041

	* CONTROL DATES *			ACCUMULATED CHU TO SELECTED DATES:																						
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YEAR	MM/DD	MM/DD	MM/DD	30	06	13	20	27	04	11	18	25	01	08	15	22	29	05	12	19	26	03	10	17	SILAGE	GRAIN
1961	5/14	9/18	10/ 2	177	323	493	604	724	897	1032	1223	1421	1603	1777	1950	2091	2274	2470	2655	2777	2950	3010	3010	3010	2761	3010
1962	5/15	9/18	10/ 2	362	490	635	793	958	1128	1290	1454	1616	1773	1948	2092	2252	2433	2593	2721	2842	2909	2965	2965	2965	2834	2965
1963	5/19	9/18	10/ 2	138	303	433	559	703	878	1020	1205	1395	1580	1758	1905	2044	2185	2315	2447	2551	2620	2694	2694	2694	2527	2694
1964	5/ 6	9/18	10/ 2	409	481	629	770	944	1130	1297	1470	1679	1845	2005	2123	2257	2418	2571	2719	2814	2950	3017	3017	3017	2794	3017
1965	5/10	9/18	10/ 2	325	431	575	697	840	1004	1155	1321	1471	1620	1780	1955	2118	2250	2395	2531	2684	2828	2896	2896	2896	2654	2896
1966	5/18	9/18	10/ 2	209	327	463	606	798	984	1169	1345	1514	1687	1853	2009	2179	2344	2519	2651	2769	2840	2889	2889	2889	2749	2889
1967	6/ 3	9/18	10/ 2	0	100	293	471	636	802	967	1105	1291	1464	1635	1786	1959	2110	2234	2354	2497	2591	2633	2633	2633	2475	2633
1968	5/26	9/18	10/ 2	44	174	338	453	586	731	897	1097	1268	1424	1615	1764	1945	2099	2251	2388	2549	2718	2821	2821	2821	2525	2821
1969	5/ 8	9/18	10/ 2	250	354	494	611	757	909	1069	1262	1448	1635	1818	1984	2157	2328	2519	2659	2797	2899	2979	2979	2979	2786	2979
1970	5/10	9/18	10/ 2	319	467	633	783	910	1085	1257	1438	1598	1808	1968	2165	2337	2507	2654	2804	2913	3089	3132	3132	3132	2896	3132
1971	5/17	9/18	10/ 2	201	340	486	647	819	1001	1188	1345	1511	1664	1823	1991	2155	2299	2479	2668	2796	2889	3018	3018	3018	2779	3018
1972	5/15	9/18	10/ 2	317	434	548	706	817	971	1117	1321	1529	1686	1831	1973	2141	2334	2482	2625	2774	2902	2970	2970	2970	2758	2970
1973	5/22	9/18	10/ 2	138	293	475	627	799	977	1162	1335	1525	1721	1912	2102	2266	2451	2664	2795	2888	2998	3109	3109	3109	2876	3109
1974	5/23	9/18	9/23	106	251	416	554	700	886	1057	1222	1375	1546	1713	1885	2067	2240	2353	2517	2621	2655	2655	2655	2655	2606	2655
1975	5/11	9/18	10/ 2	424	563	696	872	1057	1248	1424	1602	1787	1960	2135	2319	2473	2646	2781	2890	2981	3064	3130	3130	3130	2957	3130
1976	5/16	9/18	10/ 2	181	309	485	651	833	1000	1171	1318	1492	1665	1802	1969	2128	2302	2410	2547	2711	2772	2827	2827	2827	2690	2827
1977	5/18	9/18	10/ 2	285	399	498	673	831	1003	1182	1379	1563	1717	1913	2077	2197	2349	2523	2654	2799	2913	2975	2975	2975	2778	2975
1978	5/20	9/18	10/ 2	233	365	488	630	787	945	1110	1271	1467	1629	1800	1980	2148	2318	2466	2624	2735	2844	2916	2916	2916	2723	2916
1979	5/ 9	9/18	10/ 2	295	445	583	740	862	1008	1161	1354	1537	1719	1906	2037	2184	2360	2534	2649	2767	2855	2969	2969	2969	2760	2969
1980	5/ 5	9/18	10/ 2	362	485	569	689	864	1018	1178	1355	1547	1741	1942	2116	2299	2486	2679	2817	2933	3051	3132	3132	3132	2917	3132
1981	5/23	9/18	10/ 2	162	295	443	612	749	932	1119	1295	1459	1617	1803	1984	2126	2284	2476	2628	2734	2801	2839	2839	2839	2723	2839
1982	5/ 7	9/18	10/ 2	436	547	683	819	949	1104	1288	1479	1660	1835	2017	2161	2300	2420	2559	2688	2809	2906	3002	3002	3002	2799	3002
1983	5/22	9/18	10/ 2	102	195	328	510	692	873	1020	1218	1394	1589	1785	1933	2113	2298	2481	2649	2774	2867	2977	2977	2977	2745	2977
1984	5/21	9/18	10/ 2	113	256	444	586	732	905	1057	1238	1410	1566	1772	1972	2126	2284	2419	2555	2659	2788	2814	2814	2814	2638	2814
1985	5/12	9/18	10/ 2	307	437	559	687	830	993	1164	1327	1490	1655	1832	2007	2163	2333	2498	2650	2764	2900	2977	2977	2977	2737	2977
1986	5/ 7	9/18	10/ 2	406	521	664	800	950	1095	1272	1446	1634	1829	2005	2170	2358	2474	2618	2737	2807	2953	3074	3074	3074	2788	3074
MEAN:	5/15	9/18	10/ 1	242	368	513	659	812	981	1147	1324	1503	1676	1851	2015	2176	2339	2497	2639	2759	2867	2939	2939	2939	2741	2939
STD :				122	119	108	109	111	110	116	115	118	121	126	127	121	125	136	129	120	130	140	140	140	121	140

Appendix 1 (cont'd).

STATION: SMITHFIELD CDA AES #:6157831 AGCAN #: 6210

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	5/14	9/16	10/ 1	174	293	434	552	666	823	954	1138	1339	1524	1697	1857	1998	2180	2385	2574	2694	2861	2923	2923	2923	2656	2923
1962	5/15	9/16	10/ 1	329	463	614	773	927	1068	1234	1395	1548	1709	1882	2031	2175	2339	2505	2629	2745	2799	2841	2841	2841	2709	2841
1963	5/30	9/16	9/24	18	163	303	436	592	777	919	1093	1275	1475	1651	1791	1918	2058	2191	2312	2409	2437	2437	2437	2437	2351	2437
1964	5/ 8	9/16	10/ 1	347	412	549	682	846	1015	1182	1352	1550	1720	1868	1993	2119	2269	2423	2557	2641	2756	2797	2797	2797	2591	2797
1965	5/10	9/16	9/27	309	399	534	656	783	943	1085	1247	1399	1537	1695	1854	2022	2160	2273	2408	2533	2671	2672	2672	2672	2475	2672
1966	5/24	9/16	10/ 1	106	220	336	472	655	843	1018	1198	1367	1544	1716	1871	2031	2183	2349	2475	2585	2651	2685	2685	2685	2534	2685
1967	6/ 2	9/16	10/ 1	0	114	287	459	622	773	936	1081	1265	1431	1599	1758	1924	2073	2211	2337	2480	2565	2617	2617	2617	2408	2617
1968	6/ 2	9/16	10/ 1	0	99	257	379	510	656	814	1008	1181	1332	1515	1669	1820	1973	2109	2253	2392	2539	2605	2605	2605	2329	2605
1969	5/30	9/16	10/ 1	19	112	250	376	511	663	806	999	1175	1356	1542	1711	1882	2051	2229	2372	2498	2580	2635	2635	2635	2466	2635
1970	5/21	9/16	10/ 1	134	268	422	560	690	846	1024	1198	1350	1555	1718	1905	2072	2241	2379	2523	2633	2794	2833	2833	2833	2585	2833
1971	5/12	9/16	10/ 1	233	341	478	624	780	958	1145	1302	1465	1619	1793	1973	2141	2276	2439	2620	2764	2859	2958	2958	2958	2711	2958
1972	5/15	9/16	10/ 1	280	397	505	662	803	949	1085	1280	1487	1645	1792	1930	2082	2278	2424	2569	2713	2820	2866	2866	2866	2648	2866
1973	5/29	9/16	10/ 1	37	171	349	476	644	822	1008	1170	1344	1536	1731	1925	2100	2279	2490	2617	2701	2793	2871	2871	2871	2670	2871
1974	5/24	9/16	9/23	74	206	357	485	632	798	981	1152	1318	1480	1659	1825	1995	2160	2277	2428	2526	2567	2567	2567	2567	2493	2567
1975	5/14	9/16	10/ 1	372	509	626	799	971	1155	1339	1520	1709	1885	2076	2264	2425	2591	2738	2846	2928	3018	3097	3097	3097	2879	3097
1976	5/17	9/16	10/ 1	166	291	452	621	806	969	1142	1294	1470	1639	1792	1972	2142	2313	2426	2562	2732	2793	2839	2839	2839	2655	2839
1977	5/18	9/16	10/ 1	282	406	529	685	839	1004	1173	1379	1582	1750	1939	2111	2236	2394	2567	2692	2831	2909	2979	2979	2979	2757	2979
1978	5/14	9/16	10/ 1	315	450	578	723	876	1044	1230	1401	1600	1766	1940	2126	2304	2459	2616	2740	2838	2936	2997	2997	2997	2809	2997
1979	5/10	9/16	10/ 1	295	429	572	730	856	1020	1177	1374	1560	1755	1943	2082	2229	2404	2583	2693	2822	2918	3003	3003	3003	2770	3003
1980	5/18	9/16	9/27	249	372	446	557	728	875	1041	1224	1412	1601	1799	1983	2157	2344	2537	2676	2788	2892	2895	2895	2895	2744	2895
1981	5/22	9/16	10/ 1	188	327	450	615	758	941	1145	1333	1501	1672	1862	2039	2195	2353	2535	2683	2790	2867	2899	2899	2899	2764	2899
1982	5/ 8	9/16	10/ 1	351	469	597	725	852	992	1163	1343	1526	1691	1844	2000	2139	2268	2397	2518	2621	2722	2799	2799	2799	2595	2799
1983	6/ 6	9/16	10/ 1	0	13	147	332	507	685	844	1050	1228	1423	1628	1765	1948	2126	2311	2499	2624	2720	2804	2804	2804	2559	2804
1984	5/24	9/16	10/ 1	71	187	367	511	651	827	973	1153	1334	1504	1704	1913	2061	2219	2356	2487	2586	2709	2740	2740	2740	2541	2740
1985	5/12	9/16	10/ 1	316	440	559	684	832	1009	1175	1346	1521	1694	1872	2047	2208	2369	2525	2671	2794	2939	3022	3022	3022	2734	3022
1986	5/13	9/16	10/ 1	325	434	583	720	864	1031	1222	1398	1581	1778	1963	2122	2305	2431	2579	2700	2778	2898	2999	2999	2999	2740	2999
1987	5/11	9/16	10/ 1	350	511	646	819	1000	1170	1372	1550	1762	1932	2107	2277	2472	2613	2731	2898	3028	3135	3218	3218	3218	2982	3218
1988	5/20	9/16	10/ 1	217	363	484	660	821	946	1144	1337	1543	1758	1974	2185	2336	2491	2639	2764	2891	3002	3085	3085	3085	2821	3085
1989	5/17	9/16	10/ 1	279	431	582	726	930	1100	1285	1442	1638	1825	2012	2183	2354	2503	2654	2837	2960	3058	3111	3111	3111	2900	3111
1990	5/17	9/16	10/ 1	181	311	464	654	821	981	1152	1333	1524	1713	1898	2073	2249	2440	2597	2741	2844	2939	3013	3013	3013	2817	3013
1991	5/12	9/16	9/30	411	565	726	906	1075	1252	1434	1624	1825	2007	2179	2363	2545	2731	2890	3044	3199	3278	3297	3297	3297	3140	3297
1992	5/11	9/16	10/ 1	303	443	602	742	848	1001	1165	1336	1495	1649	1806	1950	2087	2264	2399	2541	2693	2785	2831	2831	2831	2624	2831
MEAN:	5/18	9/16	9/30	210	331	471	618	771	935	1105	1282	1464	1640	1818	1985	2145	2307	2461	2602	2720	2819	2872	2872	2872	2670	2872
STD :				128	140	135	142	145	146	155	156	163	164	164	172	178	175	178	176	183	181	200	200	200	182	200

Appendix 1 (cont'd).

STATION: ST CATHARINES A AES #:6137287 AGCAN #: 6052

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	JULY 27	04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	5/14	9/26	10/10	196	326	478	601	729	896	1043	1245	1455	1653	1842	2032	2187	2377	2582	2777	2914	3095	3185	3312	3312	3095	3312
1962	5/ 6	9/26	10/10	452	576	725	890	1062	1227	1398	1568	1740	1900	2078	2239	2407	2586	2754	2899	3029	3101	3175	3278	3278	3101	3278
1963	5/ 9	9/26	10/10	217	360	501	640	796	989	1148	1342	1535	1737	1928	2088	2243	2390	2542	2692	2792	2870	2968	3084	3084	2870	3084
1964	5/ 8	9/26	10/ 7	382	463	609	768	950	1141	1322	1510	1719	1910	2083	2216	2356	2530	2703	2859	2960	3117	3209	3227	3227	3117	3227
1965	5/10	9/26	10/10	354	454	618	753	904	1093	1261	1429	1588	1746	1926	2116	2292	2445	2580	2728	2880	3038	3121	3162	3162	3038	3162
1966	5/22	9/26	10/10	144	274	413	568	772	963	1154	1342	1525	1710	1886	2060	2245	2420	2599	2732	2862	2944	3013	3103	3103	2944	3103
1967	5/ 2	9/26	10/10	192	334	512	697	862	1033	1204	1355	1551	1736	1915	2073	2256	2404	2537	2670	2809	2921	3000	3084	3084	2921	3084
1968	5/16	9/26	10/10	162	302	457	588	725	894	1067	1268	1454	1618	1814	1986	2174	2338	2501	2655	2822	2995	3126	3188	3188	2995	3188
1969	5/30	9/26	10/10	19	129	280	419	571	746	916	1132	1322	1519	1716	1905	2091	2278	2474	2631	2787	2901	3019	3124	3124	2901	3124
1970	5/21	9/26	10/10	146	304	477	627	770	949	1129	1325	1495	1719	1896	2096	2285	2471	2641	2804	2934	3118	3196	3324	3324	3118	3324
1971	5/17	9/26	10/10	211	337	483	650	830	1029	1229	1398	1579	1749	1926	2113	2292	2444	2628	2828	2985	3103	3264	3369	3369	3103	3369
1972	5/16	9/26	10/10	267	393	514	675	801	957	1120	1335	1550	1723	1889	2047	2223	2434	2598	2761	2927	3067	3172	3240	3240	3067	3240
1973	5/23	9/26	10/10	127	274	471	618	808	1002	1198	1378	1578	1787	1993	2204	2385	2580	2808	2967	3075	3194	3334	3451	3451	3194	3451
1974	5/23	9/26	10/10	110	269	447	596	741	928	1121	1310	1486	1660	1842	2019	2210	2389	2525	2703	2831	2914	2990	3066	3066	2914	3066
1975	5/10	9/26	10/10	465	619	765	961	1158	1359	1557	1741	1943	2112	2299	2500	2658	2838	2981	3106	3207	3307	3397	3489	3489	3307	3489
1976	5/16	9/26	10/10	191	316	501	691	880	1059	1251	1416	1602	1785	1945	2138	2317	2509	2650	2800	2978	3058	3139	3201	3201	3058	3201
1977	5/18	9/26	10/10	288	396	500	672	840	1019	1200	1409	1611	1787	1989	2164	2304	2473	2653	2796	2943	3061	3148	3216	3216	3061	3216
1978	5/13	9/26	10/10	321	462	601	756	924	1089	1271	1452	1659	1833	2013	2201	2377	2557	2722	2878	2999	3117	3211	3290	3290	3117	3290
1979	5/ 9	9/26	10/10	308	452	600	768	905	1072	1242	1448	1647	1842	2039	2182	2331	2521	2701	2823	2952	3057	3198	3238	3238	3057	3238
1980	5/ 4	9/26	10/10	396	525	619	749	930	1085	1261	1448	1649	1849	2058	2248	2440	2631	2830	2988	3108	3238	3335	3382	3382	3238	3382
1981	5/22	9/26	10/10	187	330	482	662	817	1012	1208	1403	1582	1755	1951	2146	2296	2468	2673	2830	2948	3039	3089	3138	3138	3039	3138
1982	5/ 7	9/26	10/10	359	463	598	737	869	1024	1217	1409	1595	1783	1965	2117	2270	2401	2548	2676	2805	2915	3032	3138	3138	2915	3138
1983	5/21	9/26	10/10	142	253	397	587	775	963	1128	1330	1525	1733	1938	2087	2273	2461	2647	2824	2954	3065	3197	3293	3293	3065	3293
1984	5/23	9/26	10/10	97	244	444	591	745	923	1086	1278	1466	1639	1853	2059	2229	2404	2542	2692	2810	2953	3008	3079	3079	2953	3079
1985	5/12	9/26	10/10	316	456	585	722	877	1055	1237	1415	1598	1767	1956	2145	2313	2493	2664	2831	2964	3113	3213	3306	3306	3113	3306
1986	5/ 7	9/26	10/10	420	540	692	837	998	1160	1354	1535	1734	1937	2123	2298	2487	2624	2778	2910	2989	3132	3275	3335	3335	3132	3335
1987	5/11	9/26	10/10	371	540	693	865	1049	1223	1443	1630	1852	2036	2219	2399	2598	2734	2866	3039	3177	3294	3405	3456	3456	3294	3456
1988	5/10	9/26	10/10	351	491	609	787	948	1088	1287	1487	1680	1879	2098	2316	2472	2638	2795	2924	3073	3192	3311	3336	3336	3192	3336
1989	5/18	9/26	10/10	259	423	580	725	925	1100	1294	1464	1665	1860	2049	2237	2404	2563	2733	2928	3056	3161	3241	3280	3280	3161	3280
1990	5/17	9/26	10/10	174	302	464	650	820	996	1169	1358	1544	1727	1911	2090	2267	2462	2629	2783	2887	2997	3109	3223	3223	2997	3223
1991	5/12	9/26	10/10	437	596	758	947	1117	1304	1489	1673	1886	2064	2236	2423	2610	2799	2964	3137	3300	3380	3473	3547	3547	3380	3547
1992	5/12	9/26	10/10	257	397	552	684	785	942	1114	1287	1442	1594	1760	1909	2057	2245	2388	2531	2698	2792	2881	2954	2954	2792	2954
MEAN:	5/14	9/26	10/ 9	259	393	544	702	865	1041	1222	1410	1601	1785	1973	2151	2323	2497	2663	2818	2951	3070	3169	3247	3247	3070	3247
STD :				117	118	111	117	123	125	134	126	137	138	131	141	140	135	142	145	140	135	148	139	139	135	139

Appendix 1 (cont'd).

STATION: ST THOMAS WPCP AES #:6137362 AGCAN #: 6016

	* CONTROL DATES *			ACCUMULATED CHU TO SELECTED DATES:																						
	START	SILAGE	GRAIN	MAY	JUNE				JULY					AUG					SEPT				OCT			
YEAR	MM/DD	MM/DD	MM/DD	30	06	13	20	27	04	11	18	25	01	08	15	22	29	05	12	19	26	03	10	17	SILAGE	GRAIN
1961	5/14	9/21	10/ 6	193	334	507	619	743	918	1056	1242	1442	1634	1815	1991	2145	2326	2525	2716	2844	3021	3091	3126	3126	2897	3126
1962	5/15	9/21	10/ 6	348	487	640	797	959	1130	1290	1457	1623	1776	1951	2101	2250	2428	2594	2724	2853	2923	3004	3063	3063	2864	3063
1963	5/19	9/21	10/ 6	142	300	438	566	693	870	1005	1184	1370	1559	1737	1880	2016	2156	2290	2428	2531	2608	2700	2736	2736	2553	2736
1964	5/ 6	9/21	10/ 6	415	500	647	793	970	1152	1309	1480	1684	1855	2021	2137	2268	2425	2584	2733	2827	2971	3057	3069	3069	2875	3069
1965	5/ 7	9/21	9/27	394	506	645	761	906	1073	1224	1388	1538	1683	1846	2019	2183	2312	2445	2597	2753	2903	2906	2906	2906	2814	2906
1966	5/23	9/21	10/ 6	118	226	353	495	679	854	1031	1200	1363	1534	1696	1849	2014	2162	2331	2451	2564	2642	2701	2729	2729	2591	2729
1967	5/29	9/21	10/ 6	27	164	354	533	687	841	1004	1129	1310	1471	1635	1773	1936	2085	2200	2321	2449	2539	2593	2636	2636	2492	2636
1968	5/26	9/21	10/ 6	44	171	339	453	596	736	892	1083	1247	1395	1578	1730	1916	2066	2216	2351	2508	2675	2786	2795	2795	2563	2795
1969	5/ 8	9/21	10/ 6	258	364	499	622	767	930	1095	1283	1469	1655	1836	2001	2174	2336	2522	2659	2794	2902	3002	3039	3039	2827	3039
1970	5/10	9/21	10/ 6	327	472	635	786	913	1090	1258	1439	1586	1795	1952	2139	2311	2475	2623	2774	2884	3050	3104	3140	3140	2930	3140
1971	5/18	9/21	10/ 6	182	327	468	632	803	989	1181	1338	1506	1669	1822	1987	2153	2298	2478	2669	2809	2912	3068	3123	3123	2844	3123
1972	5/15	9/21	10/ 6	313	427	542	689	779	933	1076	1274	1486	1636	1780	1926	2093	2283	2427	2572	2737	2861	2952	3004	3004	2772	3004
1973	5/10	9/21	10/ 6	227	376	559	720	891	1066	1251	1414	1600	1791	1976	2167	2331	2510	2713	2849	2947	3069	3206	3248	3248	2971	3248
1974	5/19	9/21	10/ 4	176	322	486	617	757	938	1111	1277	1434	1605	1772	1946	2124	2292	2408	2564	2676	2750	2812	2819	2819	2709	2819
1975	5/11	9/21	10/ 6	415	553	681	860	1048	1235	1410	1584	1769	1937	2116	2299	2457	2636	2781	2899	2993	3077	3157	3201	3201	3025	3201
1976	5/16	9/21	10/ 6	188	319	499	664	846	1012	1190	1343	1526	1705	1844	2017	2167	2347	2470	2599	2757	2832	2914	2969	2969	2789	2969
1977	5/18	9/21	10/ 6	293	407	502	682	842	1019	1207	1413	1604	1762	1957	2128	2256	2419	2599	2735	2884	3010	3091	3120	3120	2924	3120
1978	5/25	9/21	10/ 6	143	276	402	548	711	877	1046	1204	1405	1578	1748	1927	2104	2284	2434	2607	2737	2850	2934	2972	2972	2785	2972
1979	5/ 9	9/21	10/ 6	283	431	575	734	855	1000	1150	1343	1522	1702	1891	2028	2178	2355	2532	2656	2777	2869	3006	3032	3032	2806	3032
1980	5/ 4	9/21	10/ 6	376	510	584	708	871	1032	1198	1369	1560	1753	1947	2133	2314	2500	2689	2826	2959	3082	3171	3182	3182	3011	3182
1981	5/23	9/21	10/ 6	181	319	474	647	798	974	1156	1333	1502	1663	1847	2028	2174	2340	2535	2704	2823	2903	2955	2996	2996	2841	2996
1982	5/ 7	8/29	10/ 6	463	580	727	857	993	1143	1326	1515	1687	1863	2054	2193	2342	2478	2625	2766	2892	2989	3113	3158	3158	2478	3158
1983	5/21	9/21	10/ 6	130	224	366	539	716	901	1046	1242	1428	1618	1819	1969	2157	2342	2518	2696	2822	2916	3050	3105	3105	2864	3105
1984	5/20	9/21	10/ 6	155	292	475	630	788	961	1123	1296	1468	1623	1827	2024	2183	2335	2483	2625	2728	2864	2909	2935	2935	2765	2935
1985	5/11	9/21	10/ 6	349	487	614	741	891	1067	1250	1420	1585	1751	1925	2099	2252	2423	2600	2765	2873	3009	3094	3119	3119	2917	3119
1986	5/ 7	9/21	10/ 6	427	562	726	866	1013	1162	1340	1523	1707	1896	2071	2235	2423	2546	2683	2800	2888	3053	3208	3235	3235	2932	3235
1987	5/11	9/21	10/ 6	389	551	702	875	1060	1234	1438	1617	1827	2007	2185	2372	2559	2682	2813	2984	3128	3241	3340	3371	3371	3167	3371
1988	5/10	9/21	10/ 6	358	491	618	782	938	1063	1239	1429	1616	1807	2014	2231	2395	2556	2698	2809	2952	3073	3191	3201	3201	2989	3201
1989	5/18	9/21	10/ 6	249	407	551	703	891	1046	1235	1388	1589	1773	1950	2120	2283	2443	2600	2787	2911	3005	3099	3128	3128	2953	3128
1990	5/ 9	9/21	10/ 6	302	423	575	748	907	1080	1258	1443	1620	1790	1950	2114	2288	2483	2646	2808	2910	3007	3116	3179	3179	2937	3179
1991	5/11	9/21	9/28	472	632	783	963	1129	1317	1498	1667	1871	2035	2193	2367	2550	2735	2896	3067	3225	3298	3308	3308	3308	3244	3308
1992	5/11	9/21	10/ 6	307	450	589	729	831	991	1160	1341	1494	1648	1806	1954	2084	2257	2405	2560	2715	2810	2902	2927	2927	2748	2927
MEAN:	5/14	9/20	10/ 5	270	402	548	698	852	1019	1189	1364	1544	1717	1892	2058	2221	2384	2542	2690	2817	2928	3016	3049	3049	2839	3049
STD :				120	123	118	122	125	130	136	138	146	148	149	159	157	163	166	170	165	172	180	174	174	182	174

Appendix 1 (cont'd).

STATION: ST WILLIAMS AES #:6137399 AGCAN #: 6034

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	JULY 27	04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	5/14	9/22	10/ 6	193	340	513	621	748	926	1065	1254	1457	1649	1829	2008	2162	2349	2551	2741	2874	3055	3140	3179	3179	2951	3179
1962	5/ 2	9/22	10/ 6	499	642	794	955	1119	1290	1455	1630	1797	1959	2130	2285	2444	2626	2793	2927	3047	3117	3189	3245	3245	3065	3245
1963	5/19	9/22	10/ 6	148	309	450	581	712	893	1037	1217	1406	1597	1781	1922	2061	2205	2342	2482	2585	2657	2744	2783	2783	2613	2783
1964	5/ 6	9/22	10/ 6	409	489	645	793	972	1167	1332	1503	1714	1891	2055	2172	2309	2466	2629	2789	2887	3026	3112	3124	3124	2954	3124
1965	5/ 4	9/22	10/ 5	468	580	733	859	1006	1174	1329	1497	1657	1811	1980	2164	2350	2485	2618	2769	2937	3088	3169	3169	3169	3028	3169
1966	5/20	9/22	10/ 6	166	282	419	574	762	948	1135	1312	1478	1661	1823	1990	2157	2319	2499	2629	2748	2835	2894	2924	2924	2798	2924
1967	5/29	9/22	10/ 6	29	174	374	556	713	882	1048	1187	1375	1548	1721	1862	2036	2190	2305	2439	2580	2677	2749	2799	2799	2633	2799
1968	5/16	9/22	10/ 6	186	313	478	599	750	911	1076	1273	1447	1601	1766	1926	2117	2277	2429	2565	2725	2898	3021	3027	3027	2808	3027
1969	5/ 8	9/22	10/ 6	284	398	537	667	822	985	1142	1345	1534	1717	1905	2071	2251	2421	2618	2756	2898	3006	3117	3154	3154	2947	3154
1970	5/10	9/22	10/ 6	353	506	672	827	955	1132	1308	1489	1648	1854	2017	2210	2378	2548	2701	2852	2972	3151	3216	3251	3251	3051	3251
1971	5/17	9/22	9/25	203	340	489	650	820	997	1186	1343	1510	1675	1840	2011	2173	2313	2486	2676	2813	2896	2896	2896	2896	2860	2896
1972	5/19	9/22	10/ 6	243	372	491	655	768	920	1050	1255	1463	1611	1767	1917	2082	2283	2431	2581	2740	2863	2960	3016	3016	2783	3016
1973	5/22	9/22	10/ 6	132	284	467	619	786	964	1150	1316	1501	1688	1872	2065	2226	2407	2615	2748	2847	2966	3103	3147	3147	2892	3147
1974	5/23	9/22	9/23	111	251	412	543	681	856	1035	1196	1347	1518	1681	1854	2026	2204	2316	2472	2578	2621	2621	2621	2621	2617	2621
1975	5/11	9/15	10/ 6	417	558	690	867	1054	1240	1411	1569	1761	1926	2105	2269	2430	2598	2750	2873	2961	3045	3125	3162	3162	2894	3162
1976	5/16	9/22	10/ 6	181	311	484	641	816	982	1151	1304	1471	1648	1769	1938	2092	2268	2386	2517	2668	2729	2804	2861	2861	2698	2861
1977	5/18	9/22	10/ 6	299	405	507	683	833	1006	1196	1397	1587	1766	1962	2130	2257	2421	2601	2740	2894	3019	3107	3136	3136	2944	3136
1978	5/13	9/22	10/ 6	329	468	595	732	889	1048	1205	1356	1536	1699	1867	2041	2214	2384	2525	2684	2801	2916	3000	3035	3035	2868	3035
1979	5/ 9	9/22	10/ 6	318	464	613	769	894	1049	1193	1382	1561	1752	1941	2081	2232	2411	2588	2716	2836	2929	3059	3082	3082	2876	3082
1980	5/ 4	9/22	10/ 6	389	524	596	716	888	1044	1208	1383	1574	1765	1966	2149	2335	2517	2699	2841	2960	3084	3177	3181	3181	3037	3181
1981	5/23	9/22	10/ 6	177	319	472	648	794	986	1178	1361	1537	1702	1889	2075	2230	2400	2603	2766	2884	2959	3007	3044	3044	2905	3044
1982	5/13	8/29	10/ 6	365	483	620	749	878	1035	1222	1415	1594	1774	1962	2109	2271	2402	2545	2667	2798	2900	3016	3063	3063	2402	3063
1983	5/22	9/22	10/ 6	103	196	330	503	687	874	1019	1219	1403	1600	1802	1959	2153	2342	2513	2695	2821	2920	3051	3111	3111	2872	3111
1984	5/21	9/22	10/ 6	139	276	470	626	780	951	1108	1286	1462	1620	1825	2026	2183	2340	2483	2622	2729	2867	2907	2925	2925	2785	2925
1985	5/12	9/22	10/ 6	314	441	561	683	821	983	1154	1319	1481	1649	1819	1994	2150	2320	2496	2658	2764	2891	2971	2991	2991	2825	2991
1986	5/ 7	9/22	10/ 6	396	521	679	813	962	1105	1283	1463	1651	1840	2011	2170	2358	2478	2620	2735	2810	2961	3103	3124	3124	2866	3124
1987	5/11	9/22	10/ 6	372	530	672	842	1023	1191	1395	1565	1783	1967	2143	2326	2517	2637	2759	2923	3054	3166	3260	3288	3288	3111	3288
1988	5/ 7	9/22	10/ 6	402	540	675	847	1007	1140	1332	1529	1713	1907	2127	2349	2514	2665	2797	2919	3062	3181	3290	3296	3296	3119	3296
1989	5/18	9/22	9/27	242	397	539	683	872	1032	1226	1392	1594	1777	1957	2115	2272	2435	2594	2779	2900	2993	3003	3003	3003	2970	3003
MEAN:	5/14	9/20	10/ 4	271	403	550	700	855	1024	1194	1370	1553	1730	1907	2075	2240	2403	2561	2709	2833	2945	3027	3056	3056	2868	3056
STD :				123	123	116	113	118	116	121	124	123	124	130	137	140	137	142	133	138	150	169	164	164	162	164

Appendix 1 (cont'd).

STATION: SUDBURY A AES #:6068150 AGCAN #: 6309

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	6/ 9	9/ 1	9/17	0	0	81	190	282	425	561	738	925	1089	1250	1379	1507	1671	1856	2015	2058	2058	2058	2058	2058	1751	2058
1962	5/16	9/ 1	9/17	256	369	504	629	765	920	1092	1242	1377	1516	1660	1795	1922	2091	2233	2346	2420	2420	2420	2420	2420	2167	2420
1963	5/31	9/ 1	9/17	0	157	268	376	526	701	826	986	1176	1352	1510	1621	1738	1867	1958	2061	2121	2121	2121	2121	2121	1905	2121
1964	5/18	9/ 1	9/17	155	222	336	452	588	761	928	1094	1284	1424	1555	1641	1729	1868	1994	2086	2122	2122	2122	2122	2122	1922	2122
1965	5/26	9/ 1	9/17	54	150	261	394	527	663	779	914	1042	1161	1293	1434	1560	1650	1738	1817	1855	1855	1855	1855	1855	1672	1855
1966	5/24	9/ 1	9/17	69	160	276	398	571	748	914	1087	1246	1406	1559	1698	1829	1960	2079	2186	2250	2250	2250	2250	2250	2020	2250
1967	6/ 2	9/ 1	9/17	0	123	254	398	544	675	832	954	1132	1296	1441	1569	1689	1832	1944	2057	2162	2162	2162	2162	2162	1862	2162
1968	5/15	9/ 1	9/17	185	310	433	533	647	780	916	1103	1262	1385	1551	1674	1795	1927	2066	2171	2276	2276	2276	2276	2276	1987	2276
1969	5/30	9/ 1	9/17	16	87	211	299	421	549	678	864	1028	1195	1371	1536	1681	1847	2005	2101	2177	2177	2177	2177	2177	1917	2177
1970	5/31	9/ 1	9/17	0	109	256	380	499	651	824	979	1119	1320	1471	1670	1809	1937	2047	2173	2202	2202	2202	2202	2202	1977	2202
1971	5/17	9/ 1	9/17	138	237	361	538	685	851	1016	1161	1308	1428	1578	1708	1862	1971	2128	2282	2369	2369	2369	2369	2369	2020	2369
1972	5/15	9/ 1	9/17	309	421	504	626	733	876	1026	1201	1380	1520	1623	1731	1878	2041	2163	2275	2337	2337	2337	2337	2337	2111	2337
1973	5/25	9/ 1	9/17	83	190	345	473	624	792	954	1110	1286	1440	1616	1785	1939	2111	2315	2393	2427	2427	2427	2427	2427	2198	2427
1974	5/23	9/ 1	9/17	69	198	314	428	560	735	902	1061	1203	1355	1511	1668	1836	1972	2051	2165	2193	2193	2193	2193	2193	2009	2193
1975	5/18	9/ 1	9/17	296	406	531	686	859	1047	1207	1380	1547	1724	1892	2070	2203	2357	2472	2513	2556	2556	2556	2556	2556	2414	2556
1976	5/28	8/30	9/17	67	210	374	514	697	847	1017	1159	1314	1476	1613	1769	1944	2087	2167	2282	2375	2375	2375	2375	2375	2096	2375
1977	5/17	9/ 1	9/17	303	384	462	617	764	908	1066	1247	1421	1564	1718	1848	1936	2062	2189	2282	2353	2353	2353	2353	2353	2124	2353
1978	5/15	9/ 1	9/17	334	416	493	628	765	923	1079	1229	1408	1538	1684	1855	2009	2124	2240	2318	2355	2355	2355	2355	2355	2169	2355
1979	5/20	9/ 1	9/17	107	229	356	502	609	740	899	1075	1251	1419	1580	1673	1801	1941	2071	2133	2205	2205	2205	2205	2205	1999	2205
1980	5/22	9/ 1	9/17	154	251	300	380	538	666	818	987	1158	1323	1497	1637	1804	1966	2126	2228	2256	2256	2256	2256	2256	2043	2256
1981	5/22	9/ 1	9/17	156	272	381	520	624	786	977	1149	1294	1450	1623	1777	1925	2074	2231	2333	2383	2383	2383	2383	2383	2151	2383
1982	5/16	9/ 1	9/17	245	351	476	556	663	790	960	1123	1292	1449	1594	1722	1850	1948	2036	2155	2202	2202	2202	2202	2202	1984	2202
1983	6/ 4	9/ 1	9/17	0	33	137	309	473	643	775	968	1131	1314	1495	1638	1808	1985	2167	2305	2337	2337	2337	2337	2337	2056	2337
1984	6/ 3	9/ 1	9/17	0	89	241	355	480	629	773	932	1095	1254	1438	1609	1741	1888	1969	2071	2118	2118	2118	2118	2118	1938	2118
1985	5/15	9/ 1	9/17	173	253	341	443	567	733	867	1022	1163	1302	1468	1613	1742	1879	2004	2101	2168	2168	2168	2168	2168	1928	2168
1986	5/15	9/ 1	9/17	258	319	432	535	665	794	948	1099	1270	1445	1598	1742	1894	1982	2108	2165	2184	2184	2184	2184	2184	2039	2184
1987	5/29	9/ 1	9/17	54	190	299	458	632	772	965	1115	1307	1460	1615	1786	1938	2049	2145	2298	2383	2383	2383	2383	2383	2094	2383
1988	5/20	9/ 1	9/17	187	307	416	566	693	809	1008	1178	1361	1548	1743	1930	2057	2173	2293	2394	2445	2445	2445	2445	2445	2230	2445
1989	5/17	9/ 1	9/17	251	360	460	580	768	918	1084	1235	1417	1591	1747	1918	2049	2173	2296	2433	2487	2487	2487	2487	2487	2222	2487
1990	5/26	9/ 1	9/17	72	177	312	463	581	723	853	1015	1179	1348	1495	1631	1771	1950	2095	2208	2239	2239	2239	2239	2239	2025	2239
MEAN:	5/23	8/31	9/17	133	232	347	474	611	761	918	1080	1245	1403	1559	1704	1841	1979	2106	2211	2267	2267	2267	2267	2267	2034	2267
STD :				109	115	111	114	122	127	135	134	139	134	137	142	147	146	149	148	147	147	147	147	147	149	147

Appendix 1 (cont'd).

STATION: THORNBURY SLAMA AES #:611HBEC AGCAN #: 6164

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1968	6/ 3	9/18	10/ 4	0	86	241	344	460	604	759	966	1142	1285	1459	1609	1777	1921	2062	2203	2359	2510	2620	2621	2621	2335	2621
1969	5/30	9/18	10/ 4	19	114	232	321	434	573	703	893	1067	1239	1417	1579	1751	1929	2101	2227	2364	2458	2543	2549	2549	2356	2549
1970	5/31	9/18	10/ 4	0	128	277	410	527	692	860	1025	1176	1387	1537	1724	1891	2045	2187	2343	2439	2600	2640	2640	2640	2420	2640
1971	5/20	9/18	10/ 4	100	189	300	467	604	773	950	1101	1256	1402	1560	1730	1894	2026	2193	2373	2502	2602	2756	2778	2778	2488	2778
1972	5/22	9/18	10/ 4	153	235	316	438	516	648	784	965	1158	1305	1437	1575	1739	1922	2069	2208	2347	2468	2539	2559	2559	2330	2559
1973	6/ 5	9/18	10/ 4	0	51	220	365	523	707	889	1047	1218	1410	1605	1797	1961	2144	2368	2494	2571	2666	2786	2807	2807	2558	2807
1974	5/23	9/18	10/ 4	74	203	353	478	591	768	943	1105	1254	1419	1591	1759	1947	2102	2210	2367	2462	2512	2564	2571	2571	2446	2571
1975	5/19	9/18	10/ 4	276	398	523	689	862	1044	1218	1397	1584	1770	1944	2123	2268	2435	2563	2664	2757	2834	2907	2914	2914	2734	2914
1976	5/30	9/18	10/ 4	18	125	296	457	629	769	944	1093	1255	1413	1563	1739	1912	2085	2198	2327	2485	2531	2606	2622	2622	2460	2622
1977	5/18	9/18	10/ 4	257	345	409	562	710	868	1026	1225	1415	1566	1725	1874	1987	2136	2284	2399	2526	2623	2688	2701	2701	2505	2701
1978	5/13	9/18	10/ 4	295	402	518	661	813	966	1133	1287	1473	1622	1784	1964	2127	2291	2432	2568	2654	2752	2831	2846	2846	2640	2846
1979	5/11	9/18	10/ 4	172	281	422	582	692	820	969	1152	1338	1511	1697	1820	1942	2116	2269	2380	2502	2602	2727	2734	2734	2501	2734
1980	5/24	9/18	10/ 4	97	192	261	345	512	643	810	980	1168	1349	1542	1706	1879	2060	2244	2383	2472	2564	2648	2648	2648	2455	2648
1981	5/22	9/18	10/ 4	154	280	405	558	687	858	1056	1232	1390	1546	1726	1903	2043	2195	2371	2520	2627	2694	2726	2729	2729	2614	2729
1982	5/16	9/18	10/ 4	216	295	415	511	625	761	948	1128	1282	1451	1613	1751	1898	2011	2141	2272	2381	2480	2591	2601	2601	2372	2601
1983	6/ 4	9/18	10/ 4	0	42	158	316	478	661	797	1003	1180	1372	1568	1717	1899	2078	2259	2431	2535	2622	2761	2779	2779	2516	2779
1984	5/24	9/18	10/ 4	55	188	359	478	613	763	910	1090	1257	1414	1601	1793	1946	2099	2216	2349	2454	2587	2628	2633	2633	2434	2633
1985	5/12	9/18	10/ 4	217	311	402	502	630	786	940	1103	1274	1429	1597	1765	1915	2063	2209	2355	2478	2614	2705	2717	2717	2451	2717
1986	5/16	9/18	10/ 4	214	306	434	555	695	819	996	1172	1359	1537	1703	1861	2027	2151	2294	2398	2467	2594	2722	2726	2726	2449	2726
1987	5/11	9/18	10/ 4	308	452	575	733	899	1053	1249	1419	1631	1799	1972	2142	2328	2455	2575	2738	2860	2959	3047	3054	3054	2847	3054
1988	5/28	9/18	10/ 4	72	187	291	442	584	703	905	1092	1266	1454	1660	1868	2018	2166	2302	2427	2552	2665	2764	2764	2764	2525	2764
1989	5/19	9/18	10/ 4	208	329	461	590	771	910	1090	1224	1406	1582	1760	1934	2090	2234	2388	2564	2669	2751	2830	2833	2833	2651	2833
1990	6/ 2	9/18	10/ 4	0	87	217	374	514	670	813	978	1145	1315	1478	1639	1796	1977	2132	2272	2360	2436	2523	2540	2540	2352	2540
MEAN:	5/22	9/18	10/ 4	126	227	351	486	624	776	943	1116	1291	1459	1632	1798	1958	2114	2263	2402	2514	2614	2702	2711	2711	2497	2711
STD :				106	117	111	117	128	130	141	136	142	146	144	153	146	147	144	144	130	126	130	133	133	133	133

Appendix 1 (cont'd).

STATION: THUNDER BAY A AES #:6048261 AGCAN #: 6354

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	6/ 4	8/27	9/11	0	42	138	258	372	506	652	796	951	1106	1259	1387	1517	1655	1801	1922	1922	1922	1922	1922	1922	1616	1922
1962	6/15	8/27	9/11	0	0	0	70	174	312	452	582	711	853	980	1102	1205	1344	1436	1519	1519	1519	1519	1519	1519	1306	1519
1963	6/ 3	8/27	9/11	0	64	123	211	338	480	622	762	928	1083	1251	1368	1486	1590	1691	1798	1798	1798	1798	1798	1798	1555	1798
1964	5/24	8/27	9/11	64	114	206	276	380	537	680	845	1012	1158	1297	1375	1477	1600	1715	1790	1790	1790	1790	1790	1790	1560	1790
1965	6/19	8/27	9/11	0	0	0	40	166	288	402	524	652	759	881	1028	1136	1222	1301	1357	1357	1357	1357	1357	1357	1207	1357
1966	5/24	8/27	9/11	84	170	252	376	518	681	841	1009	1161	1305	1441	1558	1671	1815	1937	2033	2033	2033	2033	2033	2033	1769	2033
1967	6/ 3	8/27	9/10	0	56	137	249	355	449	583	717	877	1000	1148	1274	1380	1500	1610	1683	1683	1683	1683	1683	1683	1468	1683
1968	6/ 4	8/27	9/11	0	48	135	212	314	421	537	690	844	968	1117	1227	1341	1449	1551	1609	1609	1609	1609	1609	1609	1420	1609
1969	7/11	8/27	9/11	0	0	0	0	0	0	25	183	327	491	654	814	951	1120	1269	1347	1347	1347	1347	1347	1347	1070	1347
1970	6/ 6	8/27	9/11	0	18	129	217	322	469	627	773	908	1085	1230	1402	1540	1670	1788	1896	1896	1896	1896	1896	1896	1641	1896
1971	6/ 4	8/27	9/11	0	38	128	275	377	522	657	788	934	1030	1158	1273	1417	1508	1657	1767	1767	1767	1767	1767	1767	1466	1767
1972	5/25	8/27	9/11	82	192	271	360	483	596	721	865	1010	1136	1235	1366	1523	1657	1756	1830	1830	1830	1830	1830	1830	1616	1830
1973	6/ 6	8/27	9/11	0	18	137	219	326	460	613	748	893	1021	1171	1318	1461	1616	1784	1869	1869	1869	1869	1869	1869	1561	1869
1974	6/ 5	8/27	9/11	0	32	125	213	325	466	625	784	924	1074	1216	1356	1510	1615	1681	1752	1752	1752	1752	1752	1752	1593	1752
1975	5/23	8/27	9/ 9	137	200	297	414	558	727	863	1019	1163	1334	1480	1626	1731	1863	1960	1983	1983	1983	1983	1983	1983	1829	1983
1976	5/31	8/27	9/ 2	0	121	246	354	484	616	767	906	1059	1202	1341	1475	1626	1757	1797	1797	1797	1797	1797	1797	1797	1733	1797
1977	5/25	8/27	9/11	92	184	255	356	489	619	745	895	1048	1159	1282	1388	1467	1575	1682	1745	1745	1745	1745	1745	1745	1544	1745
1978	5/26	8/27	9/11	84	144	214	310	437	581	717	857	1003	1122	1244	1398	1534	1653	1773	1857	1857	1857	1857	1857	1857	1612	1857
1979	6/ 3	8/27	9/11	0	39	136	259	367	492	641	790	939	1078	1217	1316	1444	1572	1685	1744	1744	1744	1744	1744	1744	1538	1744
1980	5/23	8/27	9/11	90	183	271	365	490	599	754	912	1065	1214	1371	1505	1650	1794	1918	2014	2014	2014	2014	2014	2014	1756	2014
1981	6/ 5	8/27	9/11	0	37	136	231	328	446	620	770	897	1046	1212	1365	1496	1625	1736	1826	1826	1826	1826	1826	1826	1590	1826
1982	5/27	8/27	9/11	68	135	235	319	420	530	670	810	955	1105	1220	1332	1478	1560	1652	1752	1752	1752	1752	1752	1752	1544	1752
1983	6/13	8/27	9/11	0	0	21	127	273	388	521	702	869	1048	1223	1370	1537	1707	1875	1991	1991	1991	1991	1991	1991	1659	1991
1984	5/24	8/27	9/11	66	168	259	355	471	622	756	898	1059	1211	1375	1523	1664	1810	1894	1988	1988	1988	1988	1988	1988	1764	1988
1985	6/20	8/27	9/11	0	0	0	16	99	246	370	509	645	781	950	1074	1173	1291	1386	1472	1472	1472	1472	1472	1472	1260	1472
1986	5/25	8/27	9/11	123	190	292	393	507	631	775	898	1066	1215	1357	1499	1617	1716	1822	1870	1870	1870	1870	1870	1870	1688	1870
1987	5/30	8/27	9/11	20	111	206	361	517	648	803	930	1106	1256	1405	1560	1696	1803	1907	2002	2002	2002	2002	2002	2002	1767	2002
1988	5/31	8/27	9/11	0	129	258	383	503	621	786	923	1080	1241	1414	1581	1715	1830	1948	2033	2033	2033	2033	2033	2033	1805	2033
1989	6/19	8/27	9/11	0	0	0	37	158	285	438	572	737	883	1036	1179	1299	1418	1526	1618	1618	1618	1618	1618	1618	1379	1618
1990	6/ 2	8/27	9/11	0	47	161	252	375	516	646	782	928	1080	1226	1348	1457	1611	1742	1828	1828	1828	1828	1828	1828	1571	1828
MEAN:	6/ 3	8/27	9/10	30	82	158	250	364	491	630	774	925	1068	1213	1346	1473	1598	1709	1789	1789	1789	1789	1789	1789	1562	1789
STD :				44	71	97	120	137	154	170	171	175	177	176	177	182	183	185	191	191	191	191	191	191	186	191

Appendix 1 (cont'd).

STATION: TORONTO AES #:6158350 AGCAN #: 6139

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	5/14	9/27	10/11	229	382	539	673	809	986	1142	1343	1553	1758	1955	2142	2306	2500	2711	2914	3060	3244	3333	3458	3482	3260	3482
1962	4/28	9/27	10/11	582	720	890	1064	1247	1432	1620	1803	1976	2148	2340	2517	2689	2885	3069	3218	3360	3430	3525	3648	3671	3442	3671
1963	5/ 9	9/27	10/11	281	454	600	746	917	1116	1281	1472	1671	1872	2066	2227	2384	2550	2700	2849	2967	3052	3154	3265	3286	3075	3286
1964	5/ 6	9/27	10/11	456	548	703	860	1046	1238	1434	1616	1838	2027	2200	2338	2482	2658	2831	2989	3096	3235	3328	3354	3354	3251	3354
1965	5/11	9/27	10/11	354	473	637	785	953	1133	1298	1477	1645	1811	1990	2179	2358	2513	2645	2791	2944	3100	3173	3211	3223	3100	3223
1966	5/21	9/27	10/11	177	307	444	601	809	1017	1216	1411	1602	1793	1986	2161	2341	2512	2696	2844	2980	3067	3141	3238	3242	3077	3242
1967	5/19	9/27	10/11	139	308	487	676	855	1028	1209	1366	1574	1763	1951	2122	2304	2470	2614	2761	2929	3032	3103	3181	3186	3044	3186
1968	5/25	9/27	10/11	60	210	377	513	653	811	986	1198	1385	1558	1757	1931	2116	2280	2448	2605	2785	2959	3083	3140	3153	2976	3153
1969	5/30	9/27	10/11	24	141	297	432	588	755	925	1143	1346	1545	1747	1943	2135	2327	2529	2691	2839	2956	3078	3181	3206	2974	3206
1970	4/28	9/27	10/11	472	636	826	982	1136	1320	1515	1710	1889	2118	2305	2519	2709	2892	3056	3226	3345	3527	3611	3730	3740	3542	3740
1971	5/17	9/27	10/11	228	358	518	694	878	1074	1280	1460	1640	1819	2007	2194	2386	2537	2722	2925	3079	3207	3372	3474	3487	3226	3487
1972	5/ 3	9/27	10/11	487	620	751	919	1059	1225	1397	1609	1832	2015	2174	2338	2523	2735	2910	3082	3257	3390	3496	3568	3582	3405	3582
1973	5/22	9/27	10/11	142	292	488	637	826	1026	1225	1412	1619	1826	2035	2245	2436	2643	2879	3040	3151	3263	3403	3534	3548	3291	3548
1974	4/29	9/27	10/11	343	506	672	812	971	1159	1360	1558	1740	1928	2125	2317	2529	2716	2860	3041	3163	3248	3317	3384	3393	3270	3393
1975	5/10	9/27	10/11	485	630	775	966	1166	1381	1586	1789	1987	2184	2386	2591	2770	2955	3110	3249	3353	3463	3561	3654	3668	3479	3668
1976	5/16	9/27	10/11	220	366	557	737	934	1111	1306	1477	1664	1843	2007	2199	2396	2588	2727	2881	3064	3146	3237	3306	3310	3157	3310
1977	5/13	9/27	10/11	419	549	675	865	1042	1222	1402	1615	1822	2005	2211	2401	2547	2723	2909	3065	3216	3320	3414	3485	3497	3341	3497
1978	5/18	9/27	10/11	293	434	573	731	902	1082	1275	1456	1669	1843	2026	2222	2413	2592	2763	2917	3033	3156	3258	3331	3348	3178	3348
1979	5/10	9/27	10/11	307	463	615	788	923	1082	1256	1465	1670	1867	2068	2221	2376	2556	2743	2870	3010	3118	3262	3301	3301	3139	3301
1980	5/ 3	9/27	10/11	473	601	685	809	994	1146	1331	1528	1733	1930	2144	2335	2527	2727	2928	3088	3213	3341	3432	3477	3483	3347	3483
1981	5/21	9/27	10/11	227	378	526	701	860	1055	1270	1475	1653	1826	2024	2217	2388	2566	2763	2925	3052	3137	3182	3228	3233	3161	3233
1982	5/ 2	9/27	10/11	502	623	768	906	1049	1216	1417	1616	1818	2011	2196	2362	2526	2664	2809	2951	3081	3198	3321	3430	3444	3212	3444
1983	5/22	9/27	10/11	105	215	362	567	770	965	1135	1351	1553	1763	1977	2146	2349	2549	2747	2941	3078	3186	3328	3417	3433	3206	3433
1984	4/28	9/27	10/11	365	518	713	868	1032	1220	1383	1576	1770	1955	2173	2390	2570	2746	2889	3040	3166	3314	3377	3445	3459	3317	3459
1985	5/11	9/27	10/11	364	505	637	772	929	1114	1301	1483	1669	1852	2047	2242	2416	2590	2769	2938	3075	3223	3331	3425	3429	3239	3429
1986	4/28	9/27	10/11	577	703	852	1003	1169	1338	1538	1725	1927	2136	2324	2503	2700	2843	3006	3139	3222	3360	3499	3551	3556	3374	3556
1987	5/11	9/27	10/11	380	554	707	896	1093	1273	1488	1680	1902	2100	2293	2483	2694	2844	2982	3162	3301	3423	3536	3582	3582	3441	3582
1988	5/ 7	9/27	10/11	409	571	711	894	1070	1223	1439	1645	1851	2057	2280	2505	2681	2851	3009	3148	3292	3426	3542	3575	3578	3449	3578
1989	5/17	9/27	10/11	307	472	635	781	986	1170	1380	1567	1780	1984	2177	2369	2553	2728	2906	3102	3237	3351	3440	3477	3484	3354	3484
1990	4/28	9/27	10/11	441	577	737	932	1103	1276	1463	1654	1847	2051	2242	2433	2614	2818	2999	3169	3283	3396	3504	3601	3610	3413	3610
MEAN:	5/10	9/27	10/11	328	470	625	787	958	1139	1328	1522	1720	1912	2107	2293	2473	2651	2824	2985	3121	3242	3344	3421	3432	3258	3432
STD :				150	149	146	149	153	154	161	159	161	165	159	163	170	171	163	164	150	154	161	165	161	151	161

Appendix 1 (cont'd).

STATION: TRENTON A AES #:6158875 AGCAN #: 6211

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	5/ 9	9/17	10/ 2	281	417	569	700	833	1006	1142	1334	1541	1725	1907	2076	2221	2407	2617	2806	2926	3103	3180	3180	3180	2897	3180
1962	5/16	9/17	10/ 2	316	447	597	754	918	1066	1231	1400	1554	1716	1890	2036	2181	2360	2514	2642	2763	2825	2885	2885	2885	2739	2885
1963	5/19	9/17	10/ 2	134	288	420	549	699	879	1018	1195	1381	1570	1752	1892	2025	2168	2294	2417	2512	2567	2623	2623	2623	2477	2623
1964	5/ 6	9/17	10/ 2	394	459	598	739	904	1077	1251	1430	1638	1810	1965	2093	2223	2383	2538	2673	2762	2889	2957	2957	2957	2726	2957
1965	5/10	9/17	10/ 2	312	413	557	690	829	991	1141	1302	1460	1605	1767	1942	2110	2248	2365	2494	2626	2775	2824	2824	2824	2578	2824
1966	5/24	9/17	10/ 2	119	239	357	498	680	865	1048	1229	1400	1572	1746	1907	2079	2235	2403	2530	2645	2713	2756	2756	2756	2608	2756
1967	5/31	9/17	10/ 2	0	145	318	490	658	821	992	1144	1337	1515	1690	1849	2017	2177	2311	2434	2577	2671	2733	2733	2733	2528	2733
1968	6/ 1	9/17	10/ 2	0	124	284	404	541	695	861	1068	1248	1405	1595	1748	1894	2044	2183	2329	2478	2627	2723	2723	2723	2430	2723
1969	5/30	9/17	10/ 2	20	118	260	385	528	681	829	1027	1206	1394	1584	1754	1925	2090	2272	2416	2543	2636	2712	2712	2712	2525	2712
1970	5/21	9/17	10/ 2	140	278	432	575	706	862	1046	1215	1373	1581	1744	1934	2093	2257	2392	2536	2641	2795	2846	2846	2846	2606	2846
1971	5/18	9/17	10/ 2	168	274	417	569	721	898	1081	1241	1402	1552	1725	1899	2066	2205	2370	2549	2693	2791	2905	2905	2905	2659	2905
1972	5/15	9/17	10/ 2	289	412	516	676	815	971	1116	1315	1523	1680	1825	1963	2120	2315	2460	2602	2731	2843	2905	2905	2905	2698	2905
1973	5/26	9/17	10/ 2	84	223	404	534	707	892	1078	1243	1418	1612	1809	2003	2173	2353	2567	2690	2776	2875	2970	2970	2970	2752	2970
1974	5/24	9/17	10/ 2	75	215	370	509	650	823	998	1168	1328	1497	1673	1833	2007	2164	2275	2427	2517	2577	2636	2636	2636	2498	2636
1975	5/14	9/17	10/ 2	378	513	639	814	988	1173	1351	1531	1721	1900	2086	2272	2422	2588	2724	2825	2911	3004	3083	3083	3083	2877	3083
1976	5/17	9/17	10/ 2	166	291	455	626	810	975	1148	1304	1469	1631	1782	1962	2127	2280	2382	2515	2685	2743	2805	2805	2805	2635	2805
1977	5/18	9/17	10/ 2	271	386	500	661	807	964	1122	1324	1515	1675	1863	2031	2156	2313	2473	2593	2720	2800	2863	2863	2863	2679	2863
1978	5/14	9/17	9/26	320	449	576	716	868	1029	1210	1377	1569	1731	1900	2075	2246	2399	2544	2666	2756	2841	2841	2841	2841	2732	2841
1979	5/10	9/17	10/ 2	299	430	573	733	855	1010	1165	1354	1539	1732	1905	2035	2175	2349	2517	2623	2743	2833	2926	2926	2926	2716	2926
1980	5/ 5	9/17	10/ 2	355	473	543	644	801	950	1110	1292	1480	1672	1867	2042	2212	2389	2570	2702	2804	2901	2965	2965	2965	2779	2965
1981	5/23	9/17	10/ 2	165	299	418	577	710	893	1095	1279	1439	1599	1779	1950	2093	2251	2434	2578	2678	2752	2780	2780	2780	2656	2780
1982	5/18	9/17	10/ 2	208	326	462	588	713	856	1031	1210	1384	1558	1716	1863	1992	2121	2249	2364	2471	2575	2660	2660	2660	2450	2660
1983	5/22	9/17	10/ 2	105	212	338	518	685	864	1018	1213	1389	1585	1783	1918	2094	2268	2447	2621	2742	2838	2937	2937	2937	2699	2937
1984	5/24	9/17	10/ 2	72	196	379	517	653	829	980	1165	1343	1506	1706	1912	2051	2211	2337	2467	2564	2684	2724	2724	2724	2531	2724
1985	5/12	9/17	10/ 2	284	406	523	642	782	946	1107	1274	1440	1600	1772	1936	2089	2239	2382	2523	2632	2765	2848	2848	2848	2591	2848
1986	5/ 7	9/17	10/ 2	408	512	655	787	935	1091	1273	1445	1623	1814	1992	2154	2329	2442	2583	2692	2761	2868	2975	2975	2975	2728	2975
1987	5/11	9/17	10/ 2	343	502	634	798	975	1140	1347	1523	1732	1895	2060	2232	2422	2556	2670	2835	2957	3059	3146	3146	3146	2932	3146
1988	5/21	9/17	10/ 2	184	316	436	609	762	881	1075	1268	1459	1653	1866	2077	2223	2373	2513	2633	2753	2870	2960	2960	2960	2706	2960
1989	5/17	9/17	9/27	271	416	564	704	906	1067	1248	1399	1590	1767	1942	2109	2271	2411	2559	2731	2841	2935	2935	2935	2935	2804	2935
1990	5/17	9/17	10/ 2	156	278	423	599	757	906	1064	1241	1417	1597	1772	1940	2103	2289	2434	2562	2661	2745	2814	2814	2814	2641	2814
MEAN:	5/17	9/17	10/ 1	210	335	473	620	773	936	1105	1283	1463	1638	1815	1981	2137	2296	2445	2582	2695	2796	2863	2863	2863	2662	2863
STD :				121	118	111	112	117	119	125	121	130	126	125	125	133	127	140	137	133	140	147	147	147	134	147

Appendix 1 (cont'd).

STATION: VINELAND STATION AES #:6139145 AGCAN #: 6057

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	5/15	9/27	10/11	179	320	458	584	716	892	1043	1245	1455	1658	1847	2042	2197	2383	2597	2795	2938	3123	3217	3345	3367	3140	3367
1962	5/ 6	9/27	10/11	427	548	696	864	1041	1208	1383	1557	1735	1903	2070	2244	2417	2604	2782	2936	3075	3133	3206	3321	3344	3142	3344
1963	5/ 9	9/27	10/11	217	360	501	640	796	989	1148	1342	1535	1737	1928	2088	2243	2390	2542	2692	2792	2870	2968	3084	3101	2891	3101
1964	5/ 8	9/27	10/ 7	383	444	573	727	909	1099	1279	1468	1681	1877	2045	2182	2328	2494	2663	2821	2923	3074	3171	3193	3193	3095	3193
1965	5/10	9/27	10/11	323	407	573	701	854	1037	1200	1370	1530	1689	1871	2057	2230	2381	2512	2661	2812	2978	3061	3111	3122	2978	3122
1966	5/21	9/27	10/11	160	289	426	587	794	991	1192	1387	1574	1758	1940	2116	2297	2470	2657	2801	2934	3023	3101	3213	3217	3033	3217
1967	5/19	9/27	10/11	96	241	416	596	765	946	1120	1280	1483	1666	1850	2014	2201	2362	2508	2647	2787	2901	2987	3073	3076	2918	3076
1968	5/10	9/27	10/11	191	331	480	612	743	909	1082	1287	1472	1633	1825	1994	2177	2342	2500	2657	2823	3000	3134	3190	3195	3016	3195
1969	5/30	9/27	10/11	20	125	274	402	535	700	850	1063	1245	1443	1643	1834	2021	2211	2403	2563	2717	2817	2937	3043	3070	2834	3070
1970	6/ 1	9/27	10/11	0	129	305	448	587	763	944	1131	1300	1520	1696	1893	2078	2260	2428	2590	2711	2894	2974	3093	3105	2907	3105
1971	5/17	9/27	10/11	199	315	447	602	777	969	1171	1334	1512	1686	1861	2050	2226	2378	2561	2753	2910	3022	3182	3285	3297	3039	3297
1972	5/23	9/27	10/11	121	244	359	501	618	772	928	1134	1348	1515	1674	1835	2006	2214	2377	2540	2710	2840	2946	3013	3025	2855	3025
1973	6/ 5	9/27	10/11	0	53	247	383	562	752	947	1119	1301	1504	1706	1907	2080	2275	2500	2654	2758	2864	2994	3105	3117	2891	3117
1974	5/24	9/27	10/11	94	241	408	555	695	879	1072	1255	1426	1606	1792	1969	2162	2351	2495	2669	2799	2880	2955	3030	3040	2905	3040
1975	5/15	9/27	10/11	361	508	643	834	1013	1208	1403	1590	1790	1975	2165	2358	2527	2704	2858	2991	3094	3191	3283	3378	3390	3205	3390
1976	6/ 5	9/27	10/11	0	34	214	393	573	746	930	1092	1261	1437	1590	1777	1948	2134	2273	2418	2584	2661	2725	2788	2792	2670	2792
1977	5/13	9/27	10/11	348	457	560	724	889	1068	1236	1443	1652	1825	2024	2205	2347	2519	2696	2845	2999	3121	3218	3292	3304	3141	3304
1978	5/13	9/27	10/11	269	409	550	700	865	1025	1212	1393	1606	1781	1952	2141	2321	2506	2673	2826	2954	3082	3182	3259	3277	3103	3277
1979	5/10	9/27	10/11	239	370	512	678	817	967	1134	1338	1533	1730	1932	2082	2228	2408	2587	2717	2856	2964	3103	3153	3156	2984	3156
1980	5/ 5	9/27	10/11	351	484	572	699	882	1033	1213	1407	1609	1804	2013	2203	2394	2587	2788	2949	3074	3201	3298	3347	3355	3208	3355
1981	5/22	9/27	10/11	181	314	463	645	800	980	1185	1382	1564	1735	1930	2125	2279	2458	2663	2829	2958	3049	3109	3165	3167	3075	3167
1982	5/ 7	9/27	10/11	260	341	461	602	733	888	1076	1262	1446	1633	1816	1976	2140	2275	2418	2545	2669	2771	2893	2994	3010	2787	3010
1983	5/22	9/27	10/11	122	227	366	547	737	924	1094	1309	1513	1724	1935	2090	2287	2477	2676	2866	3005	3111	3248	3345	3362	3132	3362
1984	5/20	9/27	10/11	144	288	487	634	787	968	1136	1329	1518	1686	1896	2105	2285	2462	2603	2754	2877	3024	3088	3151	3155	3027	3155
1985	5/12	9/27	10/11	289	417	540	680	836	1011	1198	1371	1556	1729	1909	2097	2272	2449	2627	2803	2936	3081	3189	3290	3293	3098	3293
1986	5/ 7	9/27	10/11	372	484	622	767	929	1088	1283	1458	1653	1857	2043	2218	2410	2553	2698	2834	2906	3039	3182	3241	3250	3053	3250
1987	5/11	9/27	10/11	336	508	663	834	1014	1189	1403	1589	1811	2000	2185	2370	2573	2709	2838	3003	3144	3267	3387	3437	3437	3286	3437
1988	5/24	9/27	10/11	130	276	404	586	757	898	1092	1298	1492	1688	1906	2126	2288	2450	2605	2734	2886	3012	3116	3145	3147	3030	3147
1989	5/18	9/27	10/11	245	398	539	668	858	1033	1240	1410	1605	1796	1990	2175	2340	2497	2669	2863	2993	3107	3191	3234	3245	3110	3245
1990	6/ 2	9/27	10/11	0	96	256	437	610	782	955	1139	1326	1517	1703	1883	2055	2253	2422	2583	2695	2810	2923	3027	3034	2828	3034
MEAN:	5/17	9/27	10/10	201	321	467	621	783	957	1138	1326	1517	1703	1891	2071	2245	2418	2587	2744	2877	2997	3098	3178	3188	3012	3188
STD :				128	139	126	127	134	136	143	140	150	149	148	152	148	144	143	149	141	141	154	143	143	148	143

Appendix 1 (cont'd).

STATION: WALKERTON AES #:6129235 AGCAN #: 6118

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1942	5/14	9/15	10/ 3	247	397	551	677	810	973	1105	1274	1451	1627	1772	1946	2124	2258	2408	2556	2734	2782	2847	2847	2847	2621	2847
1943	5/23	9/15	10/ 3	144	316	450	635	818	962	1134	1319	1477	1637	1807	1990	2137	2288	2462	2575	2664	2735	2838	2838	2838	2627	2838
1944	5/14	9/15	10/ 3	332	507	623	784	941	1096	1280	1435	1602	1775	1949	2136	2303	2428	2603	2729	2884	2993	3078	3078	3078	2792	3078
1945	5/27	9/15	9/30	66	97	215	374	531	702	847	984	1166	1338	1498	1681	1829	1965	2121	2286	2383	2495	2550	2550	2550	2344	2550
1946	5/22	9/15	10/ 3	156	245	376	503	675	837	1009	1153	1325	1480	1645	1793	1942	2051	2155	2312	2438	2582	2671	2671	2671	2356	2671
1947	6/ 7	9/15	9/26	0	0	158	261	408	569	739	919	1049	1220	1397	1589	1794	1977	2145	2348	2504	2544	2544	2544	2544	2422	2544
1948	6/ 3	9/15	10/ 3	0	69	188	291	458	620	789	951	1116	1290	1411	1559	1724	1919	2068	2223	2380	2474	2577	2577	2577	2279	2577
1949	5/18	9/15	10/ 3	159	298	429	627	798	988	1150	1306	1471	1671	1839	2021	2152	2315	2460	2559	2671	2736	2822	2822	2822	2602	2822
1950	5/24	9/15	10/ 3	117	235	391	518	672	803	947	1104	1249	1413	1561	1696	1836	2016	2143	2276	2376	2449	2589	2589	2589	2328	2589
1951	5/16	9/15	10/ 3	256	391	509	668	820	999	1169	1342	1488	1675	1807	1962	2098	2237	2375	2505	2622	2749	2830	2830	2830	2564	2830
1952	5/25	9/15	10/ 3	84	209	333	498	668	854	1015	1210	1390	1542	1711	1882	2047	2186	2344	2485	2619	2699	2795	2795	2795	2557	2795
1953	5/10	9/15	10/ 3	279	410	528	689	856	1026	1175	1349	1521	1695	1862	2030	2162	2344	2535	2655	2729	2829	2932	2932	2932	2678	2932
1954	5/30	9/15	10/ 3	14	103	254	441	601	742	863	1020	1178	1350	1510	1651	1789	1957	2113	2247	2351	2436	2562	2562	2562	2284	2562
1955	5/23	9/ 8	10/ 3	171	298	442	593	720	898	1080	1255	1432	1626	1813	1985	2171	2339	2483	2591	2749	2837	2924	2924	2924	2525	2924
1956	5/13	9/15	10/ 3	183	251	414	587	753	899	1061	1224	1396	1528	1681	1854	2000	2151	2324	2423	2502	2570	2652	2652	2652	2472	2652
1957	5/10	9/15	10/ 3	249	348	482	666	848	996	1144	1292	1456	1629	1790	1930	2051	2184	2338	2459	2590	2696	2766	2766	2766	2519	2766
1958	5/16	9/15	10/ 3	188	310	436	521	637	806	970	1139	1282	1450	1610	1768	1908	2048	2198	2310	2459	2587	2646	2646	2646	2381	2646
1959	5/12	9/15	10/ 3	282	413	575	676	825	996	1161	1314	1493	1666	1833	2018	2218	2425	2612	2777	2830	2985	3117	3117	3117	2805	3117
1960	5/20	9/15	10/ 3	197	324	436	567	713	857	997	1159	1316	1478	1643	1796	1958	2114	2268	2416	2515	2667	2730	2730	2730	2455	2730
1961	5/14	9/15	10/ 3	184	327	489	596	715	880	1014	1195	1383	1557	1730	1894	2033	2207	2403	2582	2700	2857	2916	2916	2916	2645	2916
1962	5/15	9/15	10/ 3	334	449	587	737	880	1028	1192	1337	1484	1626	1786	1925	2064	2236	2386	2512	2628	2688	2755	2755	2755	2571	2755
1963	5/29	9/14	9/23	27	178	298	407	531	703	826	984	1162	1334	1496	1618	1738	1859	1977	2099	2198	2231	2231	2231	2231	2117	2231
1964	5/19	9/13	9/16	188	264	399	533	685	858	1005	1169	1359	1511	1661	1760	1873	2005	2134	2265	2295	2295	2295	2295	2295	2274	2295
1965	5/10	9/15	9/27	307	409	537	656	792	924	1047	1196	1330	1457	1606	1772	1916	2023	2137	2252	2382	2509	2509	2509	2509	2309	2509
1966	5/25	9/15	10/ 3	72	191	305	428	604	770	939	1103	1256	1423	1574	1688	1818	1960	2121	2238	2335	2390	2436	2436	2436	2280	2436
1967	5/27	9/11	10/ 3	58	187	377	546	686	830	991	1111	1287	1445	1597	1717	1868	2007	2115	2240	2360	2448	2499	2499	2499	2226	2499
1968	6/ 4	9/15	10/ 3	0	61	225	323	444	581	732	919	1078	1206	1376	1516	1691	1829	1967	2087	2237	2387	2474	2474	2474	2147	2474
1969	5/30	9/15	10/ 3	15	102	218	304	437	581	715	893	1058	1222	1390	1545	1698	1850	2019	2145	2277	2362	2455	2455	2455	2216	2455
1970	5/10	9/15	10/ 3	273	413	565	696	813	978	1135	1298	1430	1635	1776	1948	2103	2245	2374	2512	2591	2740	2768	2768	2768	2541	2768
1971	6/ 4	9/15	10/ 3	0	62	199	370	520	691	863	999	1158	1308	1447	1618	1770	1902	2066	2236	2359	2449	2601	2601	2601	2299	2601
MEAN:	5/21	9/14	10/ 1	152	262	399	539	688	848	1003	1165	1328	1493	1652	1809	1960	2110	2261	2396	2512	2606	2680	2680	2680	2441	2680
STD :				110	135	135	143	147	148	152	151	153	162	164	172	174	180	190	188	184	202	213	213	213	185	213

Appendix 1 (cont'd).

STATION: WELLAND AES #:6139445 AGCAN #: 6049

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	JULY 27	04	11	18	AUG 25	01	08	15	22	SEPT 29	05	12	19	OCT 26	03	10	17	SILAGE	GRAIN
1961	5/ 9	9/25	10/10	269	405	569	677	803	982	1128	1325	1538	1738	1932	2119	2278	2473	2683	2877	3020	3207	3293	3411	3411	3189	3411
1962	4/30	9/25	10/10	542	684	836	1001	1172	1352	1527	1700	1873	2039	2223	2391	2557	2742	2920	3066	3201	3274	3355	3478	3478	3259	3478
1963	5/18	9/25	10/10	166	334	471	611	757	946	1097	1289	1486	1682	1864	2017	2165	2315	2459	2607	2719	2790	2881	2980	2980	2771	2980
1964	5/ 6	9/25	10/ 7	389	474	634	783	969	1159	1334	1519	1738	1926	2101	2234	2376	2548	2715	2867	2967	3119	3213	3230	3230	3101	3230
1965	5/10	9/25	10/ 5	353	463	613	743	900	1077	1242	1418	1574	1732	1913	2097	2271	2418	2558	2712	2869	3024	3104	3104	3104	3011	3104
1966	5/20	9/25	10/10	184	306	448	599	794	991	1184	1375	1556	1740	1917	2090	2273	2442	2621	2760	2891	2973	3041	3145	3145	2967	3145
1967	5/ 2	9/25	10/10	214	363	560	750	924	1098	1273	1427	1630	1814	1996	2151	2330	2497	2627	2764	2916	3021	3103	3189	3189	3002	3189
1968	5/15	9/25	10/10	209	344	510	641	786	951	1119	1322	1503	1672	1869	2038	2230	2391	2553	2700	2869	3044	3169	3230	3230	3031	3230
1969	5/18	9/25	10/10	174	294	445	575	734	901	1074	1281	1477	1672	1865	2047	2231	2410	2610	2761	2910	3019	3136	3245	3245	3005	3245
1970	4/30	9/25	10/10	449	603	770	933	1073	1248	1431	1622	1792	2012	2186	2386	2567	2745	2904	3067	3197	3382	3456	3580	3580	3355	3580
1971	5/18	9/25	10/10	187	319	470	639	818	1014	1212	1375	1550	1724	1893	2078	2254	2402	2589	2787	2931	3036	3197	3290	3290	3024	3290
1972	5/15	9/25	10/10	309	433	546	715	837	994	1154	1366	1576	1743	1907	2052	2224	2430	2585	2740	2903	3039	3140	3212	3212	3012	3212
1973	5/ 9	9/25	10/10	266	420	606	763	946	1140	1329	1503	1700	1899	2093	2295	2475	2664	2882	3022	3121	3234	3373	3496	3496	3208	3496
1974	4/30	9/23	10/ 3	329	467	637	789	930	1102	1284	1458	1624	1797	1979	2160	2352	2535	2664	2833	2952	3027	3101	3101	3101	2991	3101
1975	5/11	9/25	10/10	437	580	725	913	1102	1302	1492	1680	1880	2059	2248	2438	2603	2786	2939	3067	3171	3272	3372	3485	3485	3256	3485
1976	5/16	9/25	10/10	195	323	499	676	862	1033	1217	1370	1556	1736	1885	2071	2235	2423	2554	2694	2864	2938	3019	3098	3098	2930	3098
1977	5/18	9/25	10/10	295	409	506	674	832	1010	1198	1404	1604	1777	1976	2155	2292	2462	2650	2794	2949	3076	3159	3217	3217	3052	3217
1978	5/14	9/25	10/10	323	469	613	775	943	1106	1290	1467	1677	1854	2042	2227	2412	2598	2766	2924	3052	3177	3274	3337	3337	3167	3337
1979	5/ 9	9/25	10/10	338	489	641	806	949	1115	1278	1484	1683	1879	2077	2230	2383	2571	2763	2896	3031	3136	3283	3330	3330	3118	3330
1980	5/ 4	9/25	10/10	405	545	629	749	926	1087	1262	1449	1648	1852	2064	2254	2443	2636	2837	2986	3119	3254	3357	3406	3406	3245	3406
1981	5/23	9/25	10/10	171	318	470	653	810	1009	1207	1399	1581	1753	1948	2141	2298	2474	2678	2840	2965	3034	3082	3134	3134	3016	3134
1982	5/ 7	9/25	10/10	428	544	692	825	952	1108	1294	1482	1666	1846	2031	2181	2332	2460	2603	2739	2873	2975	3099	3222	3222	2956	3222
1983	5/22	9/24	10/10	115	206	339	526	706	890	1047	1239	1427	1627	1828	1975	2170	2361	2547	2726	2853	2954	3087	3184	3184	2925	3184
1984	4/30	9/25	10/10	306	441	637	799	952	1127	1291	1471	1652	1816	2028	2234	2406	2569	2708	2850	2958	3103	3155	3242	3242	3096	3242
1985	5/12	9/25	10/10	330	455	583	713	863	1037	1211	1382	1558	1729	1909	2098	2264	2437	2609	2767	2879	3022	3114	3207	3207	3004	3207
1986	5/ 7	9/25	10/10	410	535	697	835	985	1137	1316	1491	1686	1883	2063	2227	2417	2543	2692	2813	2886	3032	3176	3223	3223	3008	3223
1987	5/11	9/25	10/ 4	363	525	670	843	1029	1199	1406	1582	1795	1974	2160	2336	2529	2648	2770	2939	3070	3184	3285	3289	3289	3170	3289
1988	5/ 8	9/25	10/10	381	514	618	780	939	1063	1255	1448	1631	1820	2029	2244	2403	2559	2702	2814	2954	3073	3176	3202	3202	3060	3202
1989	5/18	9/24	10/10	240	393	541	688	881	1048	1239	1404	1601	1783	1962	2140	2305	2469	2628	2811	2929	3028	3111	3149	3149	3006	3149
1990	4/30	9/18	10/10	369	484	634	808	958	1123	1292	1477	1652	1834	2005	2171	2341	2532	2696	2850	2942	3032	3128	3224	3224	2936	3224
MEAN:	5/10	9/24	10/ 9	304	437	586	742	904	1078	1256	1440	1630	1813	1999	2175	2347	2518	2683	2835	2965	3082	3181	3254	3254	3062	3254
STD :				104	107	109	110	109	108	113	110	112	116	118	124	118	117	128	127	117	130	128	143	143	129	143

Appendix 1 (cont'd).

STATION: WIARTON A AES #:6119500 AGCAN #: 6168

	* CONTROL DATES *			ACCUMULATED CHU TO SELECTED DATES:																						
	START	SILAGE	GRAIN	MAY	JUNE				JULY				AUG					SEPT				OCT				
YEAR	MM/DD	MM/DD	MM/DD	30	06	13	20	27	04	11	18	25	01	08	15	22	29	05	12	19	26	03	10	17	SILAGE	GRAIN
1961	5/15	9/11	9/29	103	216	347	447	552	697	825	1000	1187	1361	1531	1685	1816	1979	2176	2347	2463	2613	2633	2633	2633	2328	2633
1962	5/15	9/11	9/29	297	387	513	652	785	930	1096	1246	1386	1530	1689	1825	1960	2127	2276	2406	2511	2555	2569	2569	2569	2386	2569
1963	6/ 2	9/11	9/29	0	115	207	307	431	593	720	885	1056	1237	1406	1531	1655	1785	1887	2011	2104	2158	2178	2178	2178	1997	2178
1964	5/24	9/11	9/29	61	126	252	372	521	696	853	1024	1217	1376	1524	1634	1740	1887	2022	2146	2226	2355	2378	2378	2378	2140	2378
1965	5/26	9/11	9/29	48	126	246	352	476	612	732	877	1011	1140	1291	1450	1588	1705	1824	1923	2046	2167	2181	2181	2181	1912	2181
1966	5/25	9/11	9/29	56	164	269	377	545	702	876	1054	1221	1390	1555	1702	1854	2000	2152	2263	2367	2423	2447	2447	2447	2246	2447
1967	6/ 3	9/11	9/29	0	88	251	404	534	664	822	945	1119	1274	1429	1556	1705	1851	1976	2091	2231	2316	2320	2320	2320	2078	2320
1968	6/ 6	9/11	9/29	0	28	168	245	354	476	618	811	966	1098	1263	1393	1560	1701	1843	1971	2130	2270	2293	2293	2293	1956	2293
1969	5/30	9/11	9/29	13	96	202	271	392	517	647	826	1003	1165	1341	1505	1661	1824	1992	2113	2232	2324	2347	2347	2347	2094	2347
1970	5/31	9/11	9/29	0	117	260	379	486	640	793	953	1100	1306	1450	1639	1792	1938	2071	2224	2312	2464	2473	2473	2473	2203	2473
1971	6/12	9/11	9/29	0	0	42	205	335	496	654	794	943	1087	1233	1384	1536	1659	1819	1988	2100	2186	2244	2244	2244	1966	2244
1972	5/19	9/11	9/29	204	286	355	471	559	685	811	972	1153	1292	1411	1537	1686	1862	1998	2117	2226	2331	2359	2359	2359	2098	2359
1973	6/ 5	9/11	9/29	0	41	187	326	476	648	811	952	1125	1308	1496	1664	1814	1990	2201	2301	2363	2450	2489	2489	2489	2292	2489
1974	5/23	9/11	9/29	63	189	313	423	547	705	857	997	1135	1287	1445	1600	1769	1905	1998	2143	2235	2277	2325	2325	2325	2117	2325
1975	5/19	9/11	9/29	239	330	447	602	762	929	1081	1254	1415	1585	1746	1919	2048	2202	2319	2399	2489	2553	2585	2585	2585	2392	2585
1976	5/30	9/11	9/29	17	119	267	399	548	679	836	973	1118	1263	1390	1543	1702	1850	1947	2065	2210	2244	2260	2260	2260	2049	2260
1977	5/18	9/11	9/29	233	316	387	525	655	788	934	1110	1286	1417	1576	1708	1809	1944	2078	2188	2305	2403	2430	2430	2430	2172	2430
1978	5/25	9/11	9/29	137	217	318	433	556	691	842	975	1152	1290	1431	1597	1743	1893	2015	2148	2229	2312	2338	2338	2338	2136	2338
1979	6/ 2	9/11	9/29	0	79	193	339	431	549	689	850	1028	1190	1352	1464	1583	1746	1889	1984	2089	2167	2230	2230	2230	1964	2230
1980	5/23	9/11	9/27	125	203	263	346	501	620	759	912	1084	1251	1429	1583	1746	1923	2094	2212	2301	2381	2385	2385	2385	2201	2385
1981	5/23	9/11	9/29	121	221	320	448	558	721	898	1062	1208	1350	1518	1683	1816	1961	2135	2268	2361	2417	2433	2433	2433	2247	2433
1982	5/16	9/11	9/29	196	279	392	474	576	696	865	1041	1188	1346	1500	1628	1766	1875	1989	2112	2206	2295	2338	2338	2338	2083	2338
1983	6/13	9/11	9/29	0	0	25	182	343	509	638	830	993	1180	1367	1504	1685	1862	2044	2207	2303	2382	2432	2432	2432	2188	2432
1984	6/ 6	9/11	9/29	0	29	191	296	419	563	704	862	1021	1175	1363	1546	1684	1834	1936	2057	2154	2268	2280	2280	2280	2044	2280
1985	6/ 1	9/11	9/29	0	66	150	237	355	514	659	814	972	1121	1282	1432	1566	1709	1850	1984	2097	2223	2265	2265	2265	1978	2265
1986	5/15	9/11	9/29	215	298	403	497	626	752	913	1079	1255	1424	1581	1730	1885	1994	2131	2239	2303	2426	2493	2493	2493	2220	2493
1987	5/22	9/11	9/29	158	289	407	568	728	880	1076	1238	1447	1611	1774	1949	2124	2261	2371	2537	2662	2755	2818	2818	2818	2513	2818
1988	5/23	9/11	9/29	120	226	322	467	606	709	900	1067	1240	1418	1620	1819	1949	2082	2211	2323	2436	2528	2558	2558	2558	2304	2558
1989	5/18	9/11	9/27	196	296	407	528	693	827	996	1139	1316	1483	1655	1824	1966	2108	2250	2419	2515	2588	2588	2588	2588	2401	2588
1990	5/28	9/11	9/29	31	137	268	406	533	682	820	985	1141	1309	1469	1619	1778	1954	2101	2228	2306	2369	2415	2415	2415	2209	2415
MEAN:	5/26	9/11	9/28	87	169	279	399	529	672	824	984	1149	1308	1470	1621	1766	1913	2053	2180	2283	2373	2402	2402	2402	2163	2402
STD :				92	108	111	115	120	120	130	130	136	140	141	149	145	150	150	156	153	148	152	152	152	157	152

Appendix 1 (cont'd).

STATION: WOODSLEE AES #:6139600 AGCAN #: 6006

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	5/14	9/27	10/11	219	369	553	680	807	989	1145	1334	1541	1740	1929	2114	2285	2475	2686	2883	3017	3198	3274	3400	3423	3212	3423
1962	4/27	9/21	10/11	668	824	985	1156	1331	1513	1696	1876	2056	2217	2398	2555	2719	2901	3072	3213	3357	3434	3529	3652	3678	3369	3678
1963	5/10	9/27	10/11	265	425	582	731	868	1057	1202	1389	1584	1784	1968	2124	2271	2433	2578	2729	2845	2939	3057	3172	3193	2959	3193
1964	5/ 5	9/27	10/ 7	498	592	758	924	1108	1305	1481	1657	1862	2050	2240	2365	2510	2677	2840	2991	3101	3258	3350	3369	3369	3275	3369
1965	5/ 8	9/27	10/ 5	424	550	707	841	997	1162	1330	1509	1681	1844	2017	2197	2372	2517	2669	2830	3000	3143	3230	3238	3238	3147	3238
1966	5/20	9/27	10/11	188	323	467	626	828	1027	1219	1408	1594	1777	1949	2111	2290	2454	2643	2778	2908	3009	3085	3177	3186	3022	3186
1967	5/19	9/27	10/11	175	324	528	726	895	1060	1239	1386	1579	1752	1931	2073	2246	2404	2535	2662	2801	2915	2976	3066	3066	2922	3066
1968	5/25	9/27	10/11	77	225	413	544	703	874	1046	1248	1438	1602	1798	1965	2175	2337	2496	2631	2802	2973	3099	3161	3169	2987	3169
1969	5/ 4	9/27	10/11	356	474	599	727	876	1054	1232	1431	1623	1812	1999	2183	2356	2536	2738	2881	3028	3150	3264	3383	3408	3166	3408
1970	4/27	9/27	10/11	603	759	943	1117	1258	1453	1625	1821	1987	2208	2378	2570	2755	2931	3098	3271	3410	3598	3670	3798	3807	3610	3807
1971	5/10	9/27	10/11	316	468	622	798	979	1170	1375	1540	1719	1882	2043	2223	2398	2564	2755	2948	3093	3190	3360	3454	3467	3213	3467
1972	5/ 2	9/27	10/10	482	610	741	905	1014	1174	1328	1534	1749	1907	2061	2217	2404	2595	2740	2893	3061	3196	3295	3375	3375	3211	3375
1973	5/ 2	9/27	10/11	362	528	718	890	1070	1248	1438	1608	1805	2003	2190	2385	2551	2741	2949	3090	3207	3343	3481	3610	3632	3370	3632
1974	4/29	9/23	9/23	409	571	741	888	1041	1231	1413	1586	1746	1922	2100	2288	2475	2657	2781	2948	3076	3120	3120	3120	3120	3120	3120
1975	5/10	9/27	10/11	462	603	744	937	1135	1328	1507	1681	1875	2048	2230	2422	2594	2785	2954	3080	3192	3283	3363	3468	3475	3299	3475
1976	5/11	9/27	10/11	301	450	637	818	1002	1172	1360	1538	1731	1926	2073	2252	2407	2601	2744	2892	3054	3146	3241	3313	3325	3160	3325
1977	5/14	9/27	10/11	393	517	616	791	962	1142	1345	1554	1753	1921	2113	2293	2431	2604	2795	2943	3097	3241	3341	3401	3404	3259	3404
1978	5/18	9/27	10/11	280	432	580	747	924	1087	1259	1433	1640	1822	1983	2166	2351	2547	2708	2896	3071	3205	3305	3370	3386	3227	3386
1979	5/ 9	9/27	10/11	308	461	625	793	928	1085	1244	1431	1615	1803	1987	2147	2290	2471	2653	2789	2921	3030	3173	3214	3214	3048	3214
1980	5/ 4	9/27	10/11	436	577	682	812	992	1167	1346	1537	1733	1932	2143	2335	2522	2715	2913	3062	3197	3338	3445	3490	3497	3348	3497
1981	5/24	9/27	10/11	156	315	484	669	831	1025	1225	1422	1596	1771	1967	2162	2310	2486	2673	2838	2959	3048	3117	3182	3190	3070	3190
1982	5/ 6	9/27	10/11	539	670	823	971	1119	1290	1480	1678	1854	2041	2239	2388	2550	2691	2849	2997	3145	3239	3369	3502	3516	3253	3516
1983	5/14	9/27	10/11	209	311	466	642	832	1027	1189	1394	1597	1795	1991	2156	2360	2558	2748	2922	3060	3155	3299	3390	3407	3174	3407
1984	4/28	9/27	10/11	401	560	765	941	1117	1299	1469	1648	1829	1999	2185	2374	2540	2710	2860	3014	3126	3281	3346	3457	3469	3287	3469
1985	5/ 2	9/27	10/11	525	672	802	934	1092	1261	1448	1630	1814	1991	2166	2346	2500	2674	2873	3043	3162	3294	3383	3468	3475	3309	3475
1986	4/29	9/27	10/11	559	685	865	1028	1200	1371	1568	1774	1978	2177	2362	2536	2733	2880	3033	3167	3285	3473	3652	3724	3734	3502	3734
1987	5/11	9/27	10/11	423	605	776	966	1164	1358	1568	1744	1955	2155	2350	2550	2745	2878	3021	3203	3372	3497	3605	3652	3654	3519	3654
1988	5/ 7	9/27	10/11	464	620	774	960	1131	1274	1468	1674	1873	2079	2307	2534	2719	2890	3050	3188	3353	3485	3620	3673	3673	3508	3673
MEAN:	5/ 8	9/26	10/ 9	374	518	678	841	1007	1185	1365	1552	1743	1927	2110	2286	2459	2632	2801	2956	3096	3220	3323	3402	3412	3233	3412
STD :				146	146	144	148	150	153	159	156	153	157	163	170	168	169	172	170	168	181	185	200	199	180	199

Appendix 1 (cont'd).

STATION: WOODSTOCK AES #:6149625 AGCAN #: 6074

YEAR	* CONTROL DATES * START MM/DD	SILAGE MM/DD	GRAIN MM/DD	ACCUMULATED CHU TO SELECTED DATES: MAY 30	JUNE 06	13	20	27	JULY 04	11	18	25	AUG 01	08	15	22	29	SEPT 05	12	19	26	OCT 03	10	17	SILAGE	GRAIN
1961	5/14	9/18	10/ 3	195	341	511	621	746	919	1052	1237	1430	1617	1790	1964	2107	2290	2486	2671	2797	2972	3041	3041	3041	2780	3041
1962	5/15	9/18	10/ 3	342	463	606	759	918	1081	1236	1394	1552	1702	1869	2018	2163	2339	2500	2628	2749	2804	2874	2874	2874	2743	2874
1963	5/29	9/18	10/ 3	32	191	316	439	568	744	883	1051	1231	1413	1587	1726	1858	1991	2125	2254	2357	2433	2520	2520	2520	2333	2520
1964	5/ 6	9/16	10/ 3	408	493	640	784	963	1142	1299	1468	1671	1837	1999	2111	2236	2392	2546	2695	2789	2922	3002	3002	3002	2735	3002
1965	5/ 9	9/18	9/27	361	468	613	733	877	1038	1187	1346	1489	1622	1775	1952	2115	2244	2370	2518	2668	2807	2808	2808	2808	2641	2808
1966	5/18	9/18	10/ 3	202	318	443	588	776	952	1132	1308	1475	1649	1818	1969	2123	2280	2427	2540	2651	2721	2773	2773	2773	2635	2773
1967	5/29	9/18	10/ 3	27	169	364	548	707	867	1030	1161	1342	1509	1675	1818	1985	2133	2255	2380	2510	2605	2662	2662	2662	2489	2662
1968	6/ 4	9/18	10/ 3	0	61	232	346	488	642	805	998	1168	1312	1495	1646	1829	1981	2129	2261	2415	2578	2683	2683	2683	2391	2683
1969	5/ 8	9/18	10/ 3	266	367	504	625	771	931	1095	1285	1471	1655	1837	2003	2175	2340	2526	2662	2796	2902	3000	3000	3000	2786	3000
1970	5/10	9/18	10/ 3	315	465	627	773	901	1079	1254	1431	1582	1793	1948	2133	2301	2462	2611	2759	2859	3024	3072	3072	3072	2843	3072
1971	5/18	9/18	10/ 3	175	312	456	617	783	962	1154	1304	1474	1631	1781	1957	2116	2260	2436	2626	2758	2858	3010	3010	3010	2741	3010
1972	5/15	9/18	10/ 3	314	432	543	693	802	951	1088	1292	1497	1653	1802	1955	2124	2310	2452	2598	2758	2879	2971	2971	2971	2736	2971
1973	6/ 2	9/18	9/21	0	116	302	459	631	803	982	1136	1308	1499	1683	1865	2021	2196	2394	2526	2608	2624	2624	2624	2624	2597	2624
1974	5/19	9/18	9/23	174	316	480	624	761	940	1112	1277	1430	1594	1760	1932	2105	2263	2374	2529	2631	2664	2664	2664	2664	2617	2664
1975	5/19	9/18	10/ 3	291	427	557	737	920	1098	1265	1432	1612	1776	1950	2125	2271	2437	2573	2684	2774	2853	2930	2930	2930	2752	2930
1976	5/16	9/18	10/ 3	183	303	478	638	814	976	1149	1299	1474	1647	1784	1958	2108	2285	2400	2534	2687	2752	2832	2832	2832	2667	2832
1977	5/17	9/18	10/ 3	303	407	501	674	825	990	1170	1364	1553	1702	1891	2053	2174	2332	2504	2627	2764	2882	2950	2950	2950	2743	2950
1978	5/19	9/18	10/ 3	245	377	510	649	806	957	1121	1269	1464	1622	1782	1953	2120	2289	2430	2586	2689	2792	2874	2874	2874	2677	2874
1979	5/ 9	9/18	10/ 3	291	431	580	736	854	996	1138	1318	1486	1660	1841	1968	2102	2270	2437	2550	2663	2752	2876	2876	2876	2656	2876
1980	5/ 6	9/18	10/ 3	334	454	525	638	807	949	1106	1269	1455	1630	1817	1981	2154	2328	2502	2629	2738	2838	2919	2919	2919	2723	2919
1981	5/23	9/18	10/ 3	160	290	429	587	721	897	1077	1242	1400	1543	1715	1890	2020	2168	2350	2492	2585	2648	2686	2686	2686	2574	2686
1982	5/13	9/18	10/ 3	348	465	609	737	870	1021	1205	1388	1559	1732	1915	2052	2197	2319	2455	2578	2698	2785	2894	2894	2894	2688	2894
1983	5/22	9/18	10/ 3	102	188	317	485	662	844	989	1188	1366	1552	1750	1895	2077	2254	2423	2591	2704	2787	2918	2918	2918	2675	2918
1984	5/20	9/18	10/ 3	140	276	464	607	755	922	1075	1240	1407	1553	1750	1945	2095	2240	2368	2502	2593	2722	2757	2757	2757	2574	2757
1985	5/12	9/18	10/ 3	321	457	580	707	850	1022	1199	1369	1536	1698	1870	2044	2191	2361	2534	2690	2796	2929	3010	3010	3010	2771	3010
1986	5/ 7	9/18	10/ 3	415	540	700	837	986	1134	1314	1488	1673	1863	2038	2196	2380	2498	2628	2739	2811	2954	3099	3099	3099	2791	3099
1987	5/11	9/18	10/ 3	371	527	671	840	1015	1177	1379	1546	1757	1933	2106	2286	2471	2584	2701	2866	2994	3101	3196	3196	3196	2978	3196
1988	5/10	9/18	10/ 3	343	474	591	751	905	1026	1208	1396	1575	1762	1966	2177	2333	2485	2625	2735	2870	2982	3081	3081	3081	2844	3081
1989	5/18	9/18	10/ 3	250	410	551	696	886	1052	1240	1393	1582	1760	1938	2107	2263	2418	2571	2753	2861	2956	3040	3040	3040	2842	3040
1990	5/ 9	9/18	10/ 3	263	380	532	709	860	1032	1203	1381	1548	1720	1883	2046	2217	2406	2564	2716	2807	2890	3003	3003	3003	2798	3003
MEAN:	5/16	9/17	10/ 2	239	363	507	654	807	971	1138	1309	1485	1654	1827	1990	2147	2305	2456	2597	2712	2813	2892	2892	2892	2694	2892
STD :				119	124	115	117	120	118	124	122	129	134	130	139	140	133	137	139	140	155	165	165	165	134	165

Appendix 2: Estimated starting and stopping dates and accumulated Crop Heat Units for silage and grain corn at probability levels ranging from 5 to 95% for selected stations in Ontario.

STATION : ARNPRIOR GRANDON AES # : 6100345 AG CAN # : 6270

				PROBABILITY LEVEL (%)						
		UNITS	MEAN	5	10	25	50	75	90	95
START DATE		MO/DAY	5/17	5/ 7	5/ 8	5/12	5/16	5/23	5/29	6/ 2
END DATE	(SILAGE)	MO/DAY	9/11	9/11	9/11	9/11	9/11	9/11	9/11	9/11
	(GRAIN)	MO/DAY	9/26	9/20	9/22	9/27	9/27	9/27	9/27	9/27
ACCUMULATED	(SILAGE)		2532	2278	2328	2452	2527	2614	2756	2795
CHU	(GRAIN)		2742	2461	2495	2673	2743	2807	2978	3010

STATION : BANCROFT AES # : 6160465 AG CAN # : 6282

				PROBABILITY LEVEL (%)						
		UNITS	MEAN	5	10	25	50	75	90	95
START DATE		MO/DAY	5/22	5/13	5/14	5/18	5/23	5/29	6/ 1	6/ 4
END DATE	(SILAGE)	MO/DAY	9/ 3	8/26	8/31	9/ 4	9/ 4	9/ 4	9/ 4	9/ 4
	(GRAIN)	MO/DAY	9/20	9/13	9/16	9/21	9/21	9/21	9/21	9/21
ACCUMULATED	(SILAGE)		2052	1667	1892	1957	2052	2168	2267	2298
CHU	(GRAIN)		2304	2067	2114	2201	2320	2408	2453	2527

STATION : BELLEVILLE AES # : 6150689 AG CAN # : 6217

				PROBABILITY LEVEL (%)						
		UNITS	MEAN	5	10	25	50	75	90	95
START DATE		MO/DAY	5/14	5/ 3	5/ 6	5/10	5/15	5/20	5/24	5/28
END DATE	(SILAGE)	MO/DAY	9/20	9/20	9/20	9/20	9/20	9/20	9/20	9/20
	(GRAIN)	MO/DAY	10/ 4	10/ 4	10/ 4	10/ 4	10/ 4	10/ 4	10/ 4	10/ 4
ACCUMULATED	(SILAGE)		2945	2694	2777	2847	2929	3027	3161	3209
CHU	(GRAIN)		3139	2855	2893	3002	3162	3240	3361	3411

Appendix 2 (cont'd).

STATION : BROCKVILLE PCC AES # : 6100971 AG CAN # : 6236

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/15	5/ 7	5/ 8	5/11	5/15	5/19	5/23	6/ 1
END DATE	(SILAGE)	MO/DAY	9/17	9/16	9/18	9/18	9/18	9/18	9/18	9/18
	(GRAIN)	MO/DAY	10/ 3	9/26	10/ 4	10/ 4	10/ 4	10/ 4	10/ 4	10/ 4
ACCUMULATED	(SILAGE)		2777	2533	2617	2682	2769	2868	2984	3010
CHU	(GRAIN)		2992	2708	2795	2891	2976	3110	3231	3244

STATION : BRUCEFIELD AES # : 6121025 AG CAN # : 6083

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/16	5/ 7	5/ 7	5/11	5/17	5/21	5/23	5/28
END DATE	(SILAGE)	MO/DAY	9/17	9/ 4	9/18	9/18	9/18	9/18	9/18	9/18
	(GRAIN)	MO/DAY	10/ 3	9/24	9/28	10/ 4	10/ 4	10/ 4	10/ 4	10/ 4
ACCUMULATED	(SILAGE)		2597	2277	2408	2474	2582	2707	2824	2920
CHU	(GRAIN)		2823	2548	2589	2692	2807	2959	3063	3152

STATION : CHATS FALLS AES # : 6101440 AG CAN # : 6269

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/16	5/ 6	5/ 7	5/11	5/17	5/22	5/28	5/31
END DATE	(SILAGE)	MO/DAY	9/14	9/14	9/14	9/14	9/14	9/14	9/14	9/14
	(GRAIN)	MO/DAY	9/28	9/26	9/29	9/29	9/29	9/29	9/29	9/29
ACCUMULATED	(SILAGE)		2707	2469	2538	2639	2701	2799	2841	2926
CHU	(GRAIN)		2914	2683	2742	2832	2910	2996	3063	3135

Appendix 2 (cont'd).

STATION : CHENAUX AES # : 6101494 AG CAN # : 6276

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/17	5/ 6	5/ 7	5/12	5/16	5/23	5/30	6/ 3
END DATE	(SILAGE)	MO/DAY	9/14	9/14	9/14	9/14	9/14	9/14	9/14	9/14
	(GRAIN)	MO/DAY	9/28	9/28	9/29	9/29	9/29	9/29	9/29	9/29
ACCUMULATED	(SILAGE)		2616	2404	2453	2530	2625	2670	2806	2890
CHU	(GRAIN)		2814	2597	2625	2716	2809	2898	3018	3098

STATION : CORNWALL AES # : 6101874 AG CAN # : 6251

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/13	5/ 2	5/ 2	5/ 9	5/12	5/17	5/29	6/ 1
END DATE	(SILAGE)	MO/DAY	9/17	9/17	9/17	9/17	9/17	9/17	9/17	9/17
	(GRAIN)	MO/DAY	10/ 1	9/29	10/ 2	10/ 2	10/ 2	10/ 2	10/ 2	10/ 2
ACCUMULATED	(SILAGE)		2844	2578	2628	2716	2862	2961	3041	3064
CHU	(GRAIN)		3054	2749	2818	2907	3074	3190	3267	3334

STATION : DALHOUSIE MILLS AES # : 6101958 AG CAN # : 6255

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/20	5/ 9	5/10	5/14	5/20	5/29	6/ 1	6/ 1
END DATE	(SILAGE)	MO/DAY	9/ 8	8/26	9/ 4	9/10	9/10	9/10	9/10	9/10
	(GRAIN)	MO/DAY	9/24	9/20	9/20	9/25	9/25	9/25	9/25	9/25
ACCUMULATED	(SILAGE)		2365	2088	2176	2262	2388	2481	2541	2601
CHU	(GRAIN)		2591	2349	2417	2496	2581	2667	2746	2834

Appendix 2 (cont'd).

STATION : DELHI CDA AES # : 6131982 AG CAN # : 6038

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/13	5/ 3	5/ 4	5/ 8	5/14	5/18	5/26	5/27
END DATE	(SILAGE)	MO/DAY	9/18	9/ 4	9/ 9	9/21	9/21	9/21	9/21	9/21
	(GRAIN)	MO/DAY	10/ 4	9/25	9/28	10/ 6	10/ 6	10/ 6	10/ 6	10/ 6
ACCUMULATED	(SILAGE)		2813	2389	2627	2695	2855	2913	3028	3042
CHU	(GRAIN)		3036	2671	2809	2952	3059	3134	3230	3252

STATION : EARLTON A AES # : 6072225 AG CAN # : 6423

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/27	5/18	5/18	5/21	5/26	6/ 2	6/11	6/15
END DATE	(SILAGE)	MO/DAY	8/25	8/25	8/25	8/25	8/25	8/25	8/25	8/25
	(GRAIN)	MO/DAY	9/10	9/ 7	9/11	9/11	9/11	9/11	9/11	9/11
ACCUMULATED	(SILAGE)		1671	1360	1414	1563	1695	1774	1857	1954
CHU	(GRAIN)		1934	1616	1711	1823	1947	2038	2116	2238

STATION : FORT FRANCES AES # : 6022475 AG CAN # : 6381

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/23	5/13	5/13	5/18	5/22	5/27	6/ 4	6/ 8
END DATE	(SILAGE)	MO/DAY	8/31	8/28	9/ 1	9/ 1	9/ 1	9/ 1	9/ 1	9/ 1
	(GRAIN)	MO/DAY	9/15	9/14	9/16	9/16	9/16	9/16	9/16	9/16
ACCUMULATED	(SILAGE)		2106	1713	1828	1953	2152	2256	2339	2395
CHU	(GRAIN)		2332	1920	2056	2191	2380	2469	2554	2624

Appendix 2 (cont'd).

STATION : GUELPH OAC AES # : 6143083 AG CAN # : 6095

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/19	5/ 9	5/10	5/13	5/18	5/25	5/30	6/ 4
END DATE	(SILAGE)	MO/DAY	9/13	8/29	9/ 5	9/16	9/16	9/16	9/16	9/16
	(GRAIN)	MO/DAY	9/30	9/22	9/26	9/29	10/ 2	10/ 2	10/ 2	10/ 2
ACCUMULATED	(SILAGE)		2455	2156	2189	2351	2483	2543	2652	2720
CHU	(GRAIN)		2682	2376	2496	2573	2700	2767	2865	2965

STATION : HAMILTON RBG AES # : 6153300 AG CAN # : 6065

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/15	5/ 2	5/ 4	5/10	5/18	5/22	5/28	5/31
END DATE	(SILAGE)	MO/DAY	9/24	9/24	9/25	9/25	9/25	9/25	9/25	9/25
	(GRAIN)	MO/DAY	10/ 8	10/ 4	10/ 7	10/ 9	10/ 9	10/ 9	10/ 9	10/ 9
ACCUMULATED	(SILAGE)		3036	2804	2841	2971	3044	3120	3183	3262
CHU	(GRAIN)		3213	2946	2976	3140	3218	3310	3390	3429

STATION : HARROW CDA AES # : 6133360 AG CAN # : 6003

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/ 8	4/27	4/27	5/ 2	5/ 8	5/14	5/18	5/21
END DATE	(SILAGE)	MO/DAY	9/28	9/26	9/29	9/29	9/29	9/29	9/29	9/29
	(GRAIN)	MO/DAY	10/11	9/30	10/11	10/12	10/12	10/12	10/12	10/12
ACCUMULATED	(SILAGE)		3368	3090	3163	3261	3384	3443	3606	3640
CHU	(GRAIN)		3534	3226	3280	3391	3559	3629	3790	3861

Appendix 2 (cont'd).

STATION : HUNTSVILLE WPCP AES # : 6113663 AG CAN # : 6176

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/20	5/11	5/11	5/15	5/18	5/26	6/ 3	6/ 5
END DATE	(SILAGE)	MO/DAY	9/ 8	9/ 1	9/ 9	9/ 9	9/ 9	9/ 9	9/ 9	9/ 9
	(GRAIN)	MO/DAY	9/24	9/10	9/23	9/26	9/26	9/26	9/26	9/26
ACCUMULATED	(SILAGE)		2296	1947	1997	2243	2322	2380	2470	2549
CHU	(GRAIN)		2520	2112	2277	2438	2557	2624	2720	2785

STATION : KEMPTVILLE AES # : 6104025 AG CAN # : 6246

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/17	5/ 7	5/ 9	5/11	5/16	5/23	5/31	6/ 2
END DATE	(SILAGE)	MO/DAY	9/11	9/ 4	9/10	9/12	9/12	9/12	9/12	9/12
	(GRAIN)	MO/DAY	9/26	9/18	9/22	9/28	9/28	9/28	9/28	9/28
ACCUMULATED	(SILAGE)		2520	2198	2364	2462	2532	2624	2693	2743
CHU	(GRAIN)		2731	2467	2512	2657	2738	2811	2905	2917

STATION : KINGSTON A AES # : 6104146 AG CAN # : 6224

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/20	5/10	5/11	5/15	5/20	5/25	6/ 2	6/ 5
END DATE	(SILAGE)	MO/DAY	9/17	9/16	9/18	9/18	9/18	9/18	9/18	9/18
	(GRAIN)	MO/DAY	10/ 2	9/29	10/ 3	10/ 3	10/ 3	10/ 3	10/ 3	10/ 3
ACCUMULATED	(SILAGE)		2642	2436	2512	2558	2619	2723	2868	2915
CHU	(GRAIN)		2849	2630	2661	2771	2810	2951	3100	3122

Appendix 2 (cont'd).

STATION : LONDON A AES # : 6144475 AG CAN # : 6029

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/15	5/ 7	5/ 7	5/ 9	5/15	5/19	5/23	5/30
END DATE	(SILAGE)	MO/DAY	9/18	9/18	9/18	9/18	9/18	9/18	9/18	9/18
	(GRAIN)	MO/DAY	10/ 2	9/24	10/ 3	10/ 3	10/ 3	10/ 3	10/ 3	10/ 3
ACCUMULATED	(SILAGE)		2702	2390	2481	2637	2698	2798	2840	2990
CHU	(GRAIN)		2899	2609	2622	2806	2900	3012	3108	3219

STATION : MIDHURST AES # : 6115099 AG CAN # : 6190

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/20	5/10	5/10	5/14	5/20	5/23	6/ 2	6/ 4
END DATE	(SILAGE)	MO/DAY	9/11	8/26	8/30	9/13	9/13	9/13	9/13	9/13
	(GRAIN)	MO/DAY	9/26	9/11	9/15	9/29	9/29	9/29	9/29	9/29
ACCUMULATED	(SILAGE)		2375	2026	2116	2242	2393	2522	2612	2651
CHU	(GRAIN)		2596	2196	2314	2486	2632	2719	2817	2872

STATION : MORRISBURG AES # : 6105460 AG CAN # : 6248

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/16	5/ 6	5/ 8	5/11	5/15	5/22	5/30	6/ 1
END DATE	(SILAGE)	MO/DAY	9/12	9/ 7	9/ 9	9/14	9/14	9/14	9/14	9/14
	(GRAIN)	MO/DAY	9/27	9/20	9/24	9/27	9/29	9/29	9/29	9/29
ACCUMULATED	(SILAGE)		2562	2268	2318	2483	2561	2655	2764	2845
CHU	(GRAIN)		2770	2569	2583	2658	2769	2848	2971	3083

Appendix 2 (cont'd).

STATION : MOUNT FOREST AES # : 6145503 AG CAN # : 6116

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/23	5/14	5/14	5/17	5/23	6/ 1	6/ 4	6/ 6
END DATE	(SILAGE)	MO/DAY	9/ 7	9/ 2	9/ 8	9/ 8	9/ 8	9/ 8	9/ 8	9/ 8
	(GRAIN)	MO/DAY	9/25	9/22	9/25	9/26	9/26	9/26	9/26	9/26
ACCUMULATED	(SILAGE)		2094	1718	1861	1976	2117	2210	2291	2339
CHU	(GRAIN)		2342	2070	2173	2236	2378	2455	2520	2543

STATION : NORTH BAY A AES # : 6085700 AG CAN # : 6300

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/21	5/14	5/14	5/15	5/20	5/27	5/31	6/ 2
END DATE	(SILAGE)	MO/DAY	8/31	8/31	8/31	8/31	8/31	8/31	8/31	8/31
	(GRAIN)	MO/DAY	9/17	9/17	9/17	9/17	9/17	9/17	9/17	9/17
ACCUMULATED	(SILAGE)		2111	1880	1932	2005	2119	2186	2306	2413
CHU	(GRAIN)		2384	2095	2137	2272	2405	2484	2593	2657

STATION : OTTAWA CDA AES # : 6105976 AG CAN # : 6261

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/16	5/ 6	5/ 7	5/11	5/15	5/21	5/29	6/ 1
END DATE	(SILAGE)	MO/DAY	9/14	9/14	9/14	9/14	9/14	9/14	9/14	9/14
	(GRAIN)	MO/DAY	9/29	9/29	9/29	9/29	9/29	9/29	9/29	9/29
ACCUMULATED	(SILAGE)		2683	2437	2473	2610	2663	2747	2902	2960
CHU	(GRAIN)		2885	2621	2660	2796	2870	2962	3093	3179

Appendix 2 (cont'd).

STATION : OTTAWA ROCKCLIFFE A AES # : 6106100 AG CAN # : 6260

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/12	5/ 2	5/ 2	5/ 6	5/14	5/20	5/24	5/24
END DATE	(SILAGE)	MO/DAY	9/15	9/15	9/15	9/15	9/15	9/15	9/15	9/15
	(GRAIN)	MO/DAY	9/29	9/29	9/29	9/29	9/29	9/29	9/29	9/29
ACCUMULATED	(SILAGE)		2796	2466	2527	2679	2758	2966	3127	3202
CHU	(GRAIN)		2987	2687	2749	2817	2924	3142	3365	3412

STATION : PETAWAWA NAT FORESTRY AES # : 6106400 AG CAN # : 6295

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/21	5/10	5/10	5/15	5/18	5/28	6/ 3	6/ 5
END DATE	(SILAGE)	MO/DAY	9/ 4	8/28	9/ 5	9/ 5	9/ 5	9/ 5	9/ 5	9/ 5
	(GRAIN)	MO/DAY	9/20	9/11	9/17	9/21	9/21	9/21	9/21	9/21
ACCUMULATED	(SILAGE)		2154	1964	1980	2067	2143	2231	2329	2447
CHU	(GRAIN)		2379	2154	2234	2292	2362	2455	2606	2653

STATION : PETERBOROUGH A AES # : 6166418 AG CAN # : 6205

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/19	5/ 7	5/10	5/12	5/18	5/27	6/ 2	6/ 3
END DATE	(SILAGE)	MO/DAY	9/ 9	8/31	9/ 6	9/10	9/10	9/10	9/10	9/10
	(GRAIN)	MO/DAY	9/24	9/17	9/20	9/26	9/26	9/26	9/26	9/26
ACCUMULATED	(SILAGE)		2365	2091	2146	2256	2385	2490	2571	2588
CHU	(GRAIN)		2601	2317	2405	2484	2596	2709	2837	2889

Appendix 2 (cont'd).

STATION : PICKERING AUDLEY AES # : 6156515 AG CAN # : 6146

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/23	5/ 9	5/10	5/17	5/21	5/30	6/ 3	6/ 9
END DATE	(SILAGE)	MO/DAY	9/14	9/ 3	9/13	9/15	9/15	9/15	9/15	9/15
	(GRAIN)	MO/DAY	9/28	9/18	9/21	9/27	9/30	9/30	9/30	9/30
ACCUMULATED	(SILAGE)		2418	2179	2189	2291	2418	2547	2624	2677
CHU	(GRAIN)		2611	2307	2379	2501	2593	2755	2813	2824

STATION : REDICKVILLE AES # : 6146939 AG CAN # : 6161

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/25	5/14	5/15	5/18	5/23	6/ 1	6/ 6	6/11
END DATE	(SILAGE)	MO/DAY	9/ 5	9/ 3	9/ 6	9/ 6	9/ 6	9/ 6	9/ 6	9/ 6
	(GRAIN)	MO/DAY	9/22	9/22	9/23	9/23	9/23	9/23	9/23	9/23
ACCUMULATED	(SILAGE)		2091	1710	1820	1991	2114	2223	2286	2430
CHU	(GRAIN)		2342	1951	2149	2245	2357	2456	2543	2646

STATION : RIDGETOWN AES # : 6137147 AG CAN # : 6013

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/11	4/29	4/29	5/ 7	5/10	5/18	5/23	5/27
END DATE	(SILAGE)	MO/DAY	9/26	9/24	9/27	9/27	9/27	9/27	9/27	9/27
	(GRAIN)	MO/DAY	10/10	9/30	10/ 6	10/11	10/11	10/11	10/11	10/11
ACCUMULATED	(SILAGE)		3167	2849	2939	3041	3200	3287	3413	3496
CHU	(GRAIN)		3342	3023	3075	3160	3353	3492	3617	3679

Appendix 2 (cont'd).

STATION : SARNIA A AES # : 6127514 AG CAN # : 6023

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/13	5/ 3	5/ 6	5/ 9	5/13	5/18	5/23	5/23
END DATE	(SILAGE)	MO/DAY	9/23	9/22	9/24	9/24	9/24	9/24	9/24	9/24
	(GRAIN)	MO/DAY	10/ 9	10/ 9	10/ 9	10/ 9	10/ 9	10/ 9	10/ 9	10/ 9
ACCUMULATED	(SILAGE)		2949	2550	2772	2833	2956	3105	3201	3236
CHU	(GRAIN)		3146	2707	2945	3005	3141	3311	3380	3436

STATION : SAULT STE MARIE 2 AES # : 6057590 AG CAN # : 6321

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/25	5/16	5/16	5/18	5/24	5/31	6/ 9	6/12
END DATE	(SILAGE)	MO/DAY	9/ 3	8/26	9/ 4	9/ 4	9/ 4	9/ 4	9/ 4	9/ 4
	(GRAIN)	MO/DAY	9/21	9/20	9/22	9/22	9/22	9/22	9/22	9/22
ACCUMULATED	(SILAGE)		1965	1556	1687	1819	2015	2101	2220	2306
CHU	(GRAIN)		2240	1914	1982	2123	2242	2354	2481	2581

STATION : SIMCOE AES # : 6137730 AG CAN # : 6041

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/15	5/ 5	5/ 7	5/10	5/16	5/21	5/24	5/31
END DATE	(SILAGE)	MO/DAY	9/18	9/18	9/18	9/18	9/18	9/18	9/18	9/18
	(GRAIN)	MO/DAY	10/ 1	9/26	10/ 2	10/ 2	10/ 2	10/ 2	10/ 2	10/ 2
ACCUMULATED	(SILAGE)		2741	2493	2526	2681	2759	2795	2902	2943
CHU	(GRAIN)		2939	2641	2682	2836	2973	3017	3131	3132

Appendix 2 (cont'd).

STATION : SMITHFIELD CDA AES # : 6157831 AG CAN # : 6210

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/18	5/ 8	5/10	5/12	5/17	5/24	6/ 1	6/ 3
END DATE	(SILAGE)	MO/DAY	9/16	9/16	9/16	9/16	9/16	9/16	9/16	9/16
	(GRAIN)	MO/DAY	9/30	9/24	9/27	10/ 1	10/ 1	10/ 1	10/ 1	10/ 1
ACCUMULATED	(SILAGE)		2670	2343	2425	2546	2663	2769	2894	3037
CHU	(GRAIN)		2872	2522	2609	2754	2869	3002	3107	3246

STATION : ST CATHARINES A AES # : 6137287 AG CAN # : 6052

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/14	5/ 3	5/ 6	5/ 9	5/14	5/20	5/23	5/25
END DATE	(SILAGE)	MO/DAY	9/26	9/26	9/26	9/26	9/26	9/26	9/26	9/26
	(GRAIN)	MO/DAY	10/ 9	10/ 9	10/10	10/10	10/10	10/10	10/10	10/10
ACCUMULATED	(SILAGE)		3070	2843	2905	2964	3066	3129	3277	3333
CHU	(GRAIN)		3247	3027	3081	3138	3239	3332	3455	3509

STATION : ST THOMAS WPCP AES # : 6137362 AG CAN # : 6016

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/14	5/ 5	5/ 7	5/ 9	5/13	5/19	5/24	5/27
END DATE	(SILAGE)	MO/DAY	9/20	9/13	9/21	9/21	9/21	9/21	9/21	9/21
	(GRAIN)	MO/DAY	10/ 5	9/28	10/ 5	10/ 6	10/ 6	10/ 6	10/ 6	10/ 6
ACCUMULATED	(SILAGE)		2839	2487	2556	2767	2854	2936	3021	3194
CHU	(GRAIN)		3049	2696	2754	2944	3087	3174	3244	3330

Appendix 2 (cont'd).

STATION : ST WILLIAMS AES # : 6137399 AG CAN # : 6034

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/14	5/ 3	5/ 4	5/ 9	5/14	5/20	5/23	5/26
END DATE	(SILAGE)	MO/DAY	9/20	9/ 7	9/22	9/22	9/22	9/22	9/22	9/22
	(GRAIN)	MO/DAY	10/ 4	9/24	9/27	10/ 6	10/ 6	10/ 6	10/ 6	10/ 6
ACCUMULATED	(SILAGE)		2868	2508	2617	2792	2876	2962	3065	3115
CHU	(GRAIN)		3056	2702	2799	2958	3082	3166	3251	3292

STATION : SUDBURY A AES # : 6068150 AG CAN # : 6309

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/23	5/15	5/15	5/17	5/22	5/29	6/ 3	6/ 6
END DATE	(SILAGE)	MO/DAY	8/31	8/31	9/ 1	9/ 1	9/ 1	9/ 1	9/ 1	9/ 1
	(GRAIN)	MO/DAY	9/17	9/17	9/17	9/17	9/17	9/17	9/17	9/17
ACCUMULATED	(SILAGE)		2034	1715	1866	1936	2023	2131	2220	2313
CHU	(GRAIN)		2267	1967	2118	2175	2253	2377	2443	2518

STATION : THORNBURY SLAMA AES # : 611HBEC AG CAN # : 6164

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/22	5/11	5/11	5/16	5/22	5/30	6/ 4	6/ 5
END DATE	(SILAGE)	MO/DAY	9/18	9/18	9/18	9/18	9/18	9/18	9/18	9/18
	(GRAIN)	MO/DAY	10/ 4	10/ 4	10/ 4	10/ 4	10/ 4	10/ 4	10/ 4	10/ 4
ACCUMULATED	(SILAGE)		2497	2331	2342	2420	2460	2558	2701	2824
CHU	(GRAIN)		2711	2542	2553	2621	2717	2779	2887	3026

Appendix 2 (cont'd).

STATION : TORONTO AES # : 6158350 AG CAN # : 6139

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/10	4/28	4/28	5/ 3	5/11	5/18	5/22	5/27
END DATE	(SILAGE)	MO/DAY	9/27	9/27	9/27	9/27	9/27	9/27	9/27	9/27
	(GRAIN)	MO/DAY	10/11	10/11	10/11	10/11	10/11	10/11	10/11	10/11
ACCUMULATED	(SILAGE)		3258	2975	3047	3153	3256	3382	3448	3507
CHU	(GRAIN)		3432	3171	3208	3297	3452	3562	3662	3702

STATION : TRENTON A AES # : 6158875 AG CAN # : 6211

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/17	5/ 6	5/ 7	5/12	5/18	5/23	5/30	5/31
END DATE	(SILAGE)	MO/DAY	9/17	9/17	9/17	9/17	9/17	9/17	9/17	9/17
	(GRAIN)	MO/DAY	10/ 1	9/27	10/ 2	10/ 2	10/ 2	10/ 2	10/ 2	10/ 2
ACCUMULATED	(SILAGE)		2662	2441	2479	2566	2669	2734	2870	2913
CHU	(GRAIN)		2863	2630	2665	2750	2856	2958	3072	3161

STATION : VINELAND STATION AES # : 6139145 AG CAN # : 6057

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/17	5/ 6	5/ 7	5/10	5/16	5/23	6/ 2	6/ 5
END DATE	(SILAGE)	MO/DAY	9/27	9/27	9/27	9/27	9/27	9/27	9/27	9/27
	(GRAIN)	MO/DAY	10/10	10/ 9	10/11	10/11	10/11	10/11	10/11	10/11
ACCUMULATED	(SILAGE)		3012	2734	2829	2902	3032	3116	3199	3243
CHU	(GRAIN)		3188	2912	3026	3095	3180	3299	3367	3411

Appendix 2 (cont'd).

STATION : WALKERTON AES # : 6129235 AG CAN # : 6118

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/21	5/10	5/10	5/14	5/21	5/28	6/ 4	6/ 5
END DATE	(SILAGE)	MO/DAY	9/14	9/10	9/13	9/15	9/15	9/15	9/15	9/15
	(GRAIN)	MO/DAY	10/ 1	9/20	9/26	10/ 3	10/ 3	10/ 3	10/ 3	10/ 3
ACCUMULATED	(SILAGE)		2441	2134	2217	2283	2439	2579	2675	2798
CHU	(GRAIN)		2680	2266	2438	2535	2662	2832	2931	3096

STATION : WELLAND AES # : 6139445 AG CAN # : 6049

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/10	4/30	4/30	5/ 6	5/11	5/18	5/20	5/22
END DATE	(SILAGE)	MO/DAY	9/24	9/21	9/24	9/25	9/25	9/25	9/25	9/25
	(GRAIN)	MO/DAY	10/ 9	10/ 4	10/ 5	10/10	10/10	10/10	10/10	10/10
ACCUMULATED	(SILAGE)		3062	2856	2931	2999	3020	3168	3255	3302
CHU	(GRAIN)		3254	3045	3101	3175	3224	3332	3484	3534

STATION : WIARTON A AES # : 6119500 AG CAN # : 6168

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/26	5/15	5/15	5/19	5/25	6/ 2	6/ 6	6/12
END DATE	(SILAGE)	MO/DAY	9/11	9/11	9/11	9/11	9/11	9/11	9/11	9/11
	(GRAIN)	MO/DAY	9/28	9/27	9/29	9/29	9/29	9/29	9/29	9/29
ACCUMULATED	(SILAGE)		2163	1936	1964	2048	2156	2258	2391	2451
CHU	(GRAIN)		2402	2180	2231	2290	2382	2490	2588	2716

Appendix 2 (cont'd).

STATION : WOODSLEE AES # : 6139600 AG CAN # : 6006

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/ 8	4/27	4/28	5/ 2	5/ 9	5/14	5/20	5/25
END DATE	(SILAGE)	MO/DAY	9/26	9/22	9/27	9/27	9/27	9/27	9/27	9/27
	(GRAIN)	MO/DAY	10/ 9	9/28	10/ 7	10/11	10/11	10/11	10/11	10/11
ACCUMULATED	(SILAGE)		3233	2939	2984	3127	3220	3338	3509	3569
CHU	(GRAIN)		3412	3090	3164	3220	3408	3511	3684	3774

STATION : WOODSTOCK AES # : 6149625 AG CAN # : 6074

		UNITS	MEAN	PROBABILITY LEVEL (%) 5	10	25	50	75	90	95
START DATE		MO/DAY	5/16	5/ 6	5/ 7	5/10	5/16	5/19	5/29	6/ 3
END DATE	(SILAGE)	MO/DAY	9/17	9/17	9/18	9/18	9/18	9/18	9/18	9/18
	(GRAIN)	MO/DAY	10/ 2	9/22	9/28	10/ 3	10/ 3	10/ 3	10/ 3	10/ 3
ACCUMULATED	(SILAGE)		2694	2365	2498	2631	2729	2782	2843	2904
CHU	(GRAIN)		2892	2577	2662	2769	2919	3010	3080	3143

Appendix 3. Probability that selected threshold values of accumulated Crop Heat Units for grain corn production are exceeded at 50 locations in Ontario.

STATION	HARVEST CRITERION: GRAIN	THRESHOLD FOR CHU 2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600
		PROBABILITY (%)														
ARNPRIOR GRANDON		100	100	100	89	86	65	26	14	8	0	0	0	0	0	0
BANCROFT		75	53	26	7	0	0	0	0	0	0	0	0	0	0	0
BELLEVILLE		100	100	100	100	100	100	100	89	77	61	35	15	7	0	0
BROCKVILLE PCC		100	100	100	100	100	95	87	73	45	26	12	0	0	0	0
BRUCEFIELD		100	100	100	100	89	68	52	35	18	7	4	0	0	0	0
CHATHAM WATERWORKS		100	100	100	100	100	100	100	100	100	93	80	75	67	38	16
CHATS FALLS		100	100	100	100	100	94	86	51	22	6	3	0	0	0	0
CHENAUX		100	100	100	100	94	79	54	24	13	5	0	0	0	0	0
CORNWALL		100	100	100	100	100	96	94	76	63	41	18	8	0	0	0
DALHOUSIE MILLS		100	100	92	75	48	19	7	0	0	0	0	0	0	0	0
DELHI CDA		100	100	100	100	96	94	90	81	63	41	18	0	0	0	0
EARLTON A		7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ELORA RESEARCH STN		100	100	100	81	67	11	0	0	0	0	0	0	0	0	0
FORT FRANCES		74	60	42	21	6	0	0	0	0	0	0	0	0	0	0
GUELPH OAC		100	96	95	89	71	50	14	8	4	0	0	0	0	0	0
HAMILTON RBG		100	100	100	100	100	100	100	100	89	77	59	28	9	0	0
HARROW CDA		100	100	100	100	100	100	100	100	100	100	96	89	73	65	33
HUNTSVILLE WPCP		94	87	83	59	34	13	5	0	0	0	0	0	0	0	0
KEMPTVILLE		100	100	100	91	86	69	26	11	0	0	0	0	0	0	0
KINGSTON A		100	100	100	100	100	88	60	30	23	10	0	0	0	0	0
LONDON A		100	100	100	100	100	85	77	50	29	11	6	0	0	0	0
MIDHURST		95	91	87	74	60	30	15	4	0	0	0	0	0	0	0
MORRISBURG		100	100	100	100	85	72	38	14	6	5	0	0	0	0	0
MOUNT FOREST		89	58	44	14	0	0	0	0	0	0	0	0	0	0	0
NORTH BAY A		85	72	51	23	9	0	0	0	0	0	0	0	0	0	0
OTTAWA CDA		100	100	100	100	96	87	73	46	21	9	4	0	0	0	0
OTTAWA ROCKCLIFFE A		100	100	100	100	100	94	78	55	42	31	21	13	7	0	0
PETAWAWA NAT FORESTRY		94	73	38	17	10	0	0	0	0	0	0	0	0	0	0
PETERBOROUGH A		100	100	90	70	49	26	12	0	0	0	0	0	0	0	0
PICKERING AUDLEY		100	95	88	75	48	39	13	0	0	0	0	0	0	0	0

Appendix 3 (cont'd).

STATION	HARVEST CRITERION: GRAIN	THRESHOLD FOR CHU 2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600
		PROBABILITY (%)														
REDICKVILLE		80	66	39	15	8	0	0	0	0	0	0	0	0	0	0
RIDGETOWN		100	100	100	100	100	100	100	100	96	85	69	58	42	22	13
SARNIA A		100	100	100	100	100	95	93	92	79	64	39	29	8	0	0
SAULT STE MARIE 2		61	34	19	9	5	3	0	0	0	0	0	0	0	0	0
SIMCOE		100	100	100	100	100	89	86	66	34	16	0	0	0	0	0
SMITHFIELD CDA		100	100	100	96	91	78	69	42	27	11	7	0	0	0	0
ST CATHARINES A		100	100	100	100	100	100	100	100	96	82	64	35	14	5	0
ST THOMAS WPCP		100	100	100	100	100	95	87	82	65	49	18	6	0	0	0
ST WILLIAMS		100	100	100	100	100	95	90	83	71	48	16	0	0	0	0
SUDBURY A		65	44	18	6	0	0	0	0	0	0	0	0	0	0	0
THORNBURY SLAMA		100	100	100	100	79	54	22	9	6	0	0	0	0	0	0
THUNDER BAY A		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORONTO		100	100	100	100	100	100	100	100	100	100	91	74	61	32	14
TRENTON A		100	100	100	100	100	88	68	43	12	9	0	0	0	0	0
VINELAND STATION		100	100	100	100	100	100	97	95	94	74	44	24	6	0	0
WALKERTON		100	93	91	80	58	47	32	17	8	5	0	0	0	0	0
WELLAND		100	100	100	100	100	100	100	100	96	91	68	28	20	6	0
WIARTON A		92	73	47	22	9	5	4	0	0	0	0	0	0	0	0
WOODSLEE		100	100	100	100	100	100	100	100	100	94	78	70	56	27	22
WOODSTOCK		100	100	100	100	94	80	72	54	35	6	0	0	0	0	0

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